

OAR quarterly index of current RESEARCH RESULTS

1 APRIL - 30 JUNE 1964

Office of Aerospace Research
United States Air Force

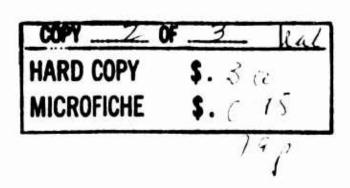




82 20 0 OAR Quarterly Index of CURRENT RESEARCH RESULTS

1 April - 30 June 1964

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OFFICE OF AEROSPACE RESEARCH UNITED STATES AIR FORCE WASHINGTON, D. C.

FOREWORD

The primary mission of the Office of Aerospace Research is to plan and manage the Air Force research program. In addition, we carry out exploratory development for the Air Force Systems Command in the areas of Environment and Aerospace Environment. Finally, we conduct research in fields where we have special competence for the Air Force Systems Command and the Advanced Research Projects Agency, work on specific projects for the Defense Atomic Support Agency, and cooperate with the National Aeronautics and Space Administration on tasks of mutual interest.



We are aware of the urgent need to expedite the exchange of scientific and technical information within the DoD and between DoD elements and the scientific community. Personal contact has long been one of the best media for such interchange. In certain cases, this is all that is needed. But in other cases, in view of the rapidly increasing quantity of information, personal contact is not enough to meet the requirements for effective communication.

With this thought in mind, we published the <u>OAR Cumulative Index</u> of Research Results, 1959-1962 as a means for accelerating the interchange of scientific and technical information between scientist and scientist, and between the researcher and the user. This was followed by the <u>OAR Cumulative Index of Research Results</u>, 1963. In 1964 we began publishing the <u>OAR Quarterly Index of Current Research Results</u> to continue the tradition of making available to all who can use them the results of OAR research efforts. We hope that you will find this volume useful.

DON R. OSTRANDER Major General, USAF

Commander

Office of Aerospace Research

INTRODUCTION

The OAR Quarterly Index of Current Research Results is designed:

- to identify all technical reports produced and published by the various organizations within the Office of Aerospace Research during the quarter indicated.
- to provide a record of the results of research conducted and sponsored by each OAR organization.
- to furnish a ready reference for the identification of technical reports produced by particular authors or contractors, or under certain contracts, grants or projects.

Every effort has been made to include all research results published during this quarterly reporting period (both in-house and contractor technical reports and journal articles) as well as other research products which are not technical reports per se but have resulted wholly or in part from OAR support (translations, monographs, symposia proceedings, state-of-the-art studies, reviews and textbooks).

The OAR Quarterly Index of Current Research Results is divided into several parts

beginning with a bibliography of the reports published during the reporting period. This bibliography is organized into sections by monitoring organizations. Within each section, the technical reports are arranged alphanumerically according to the report number assigned by each organization. Each bibliographic entry includes the following information (if available and applicable); the report number; corporate author; title and date; security classification of the report (if classified); the name(s) of the author(s); the Defense Documentation Center (DDC) accession number; the instrument (contract or grant) number; and the project and task numbers. Several indexes follow the bibliography and are keyed to it by the report numbers. These are: an author index; a corporate-author index; an instrument-number index; a project/ task-number index; and a KWIC (Keyword-in-Context) index of the report titles.

Any questions concerning this publication, or suggestions for improving subsequent indexes of research results, should be directed to the Office of Scientific and Technical Information (RRY), Hq Office of Aerospace Research, USAF, 4th and Independence Ave., S.W., Washington, D.C. 20333.

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ARL 64 0106

AF DAR AFROSPACE RESEARCH LARS GENERAL PHYSICS LAB

WRIGHT-PATTERSON AFR OMID

CONSTRAINTS IN THE Q-T-P-H C CONFIGURATION SPACE- TIME-

MOMENTUM- ENERGYS SPACE OF STATES AND ENERGY, MAR 1964

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RY SHANKLAND D G

PROJ/TASK 7112 03
ARL 64 DID?
OHID STATE U COLUMBUS
THE CONSTANT PRESSURE DECOMPOSITION OF NITROUS OXIDE-
NITROGEN OXIDE PLUS .08 NITROGEN AND NITROGEN OXIDE-
PLUS AIR MIXTURES AT 11.2 ATMOSPHERES AND INITIAL
TEMPERATURES FROM /72 TO 1235° KELVIN. JUN 1964
BY NICHOLSON J R
FISHRUMNEF S INSTRUMENT AF 33<6575(
FDSE R PROJ/TASK 7065 O1
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  ARL 64 0108
AF OAR AFROSPACE RESEARCH LARS
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ALLEVIATION OF THERMAL STRESSES IN SKIN WEB COMBINATIONS
BY MEANS OF BI-METALLIC CONSTRUCTION, JUN 1964
BY PRZEMIENIECKI J S
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          L 64-0109
OKLAHOMA U MORMAN
AN FERFERIMENTAL STUDY OF INFRARED SCATTERING BY CLOUDS OF
PARTICLES, JUN 1964
BY LOVE T J
WHEASLER R A INSTRUMENT AF 33<657>0885
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ARL 64 0110

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ARISYMMETRIC NOZZLE. APR 1964
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BY LIRRIZZI J DDC NUMMER 441063
CRESCI R J INSTRUMENT AF 33<616>0.7661
PROJ/TASK 7064
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AFCRE 63 0217

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AN OBSERVATIONAL STUDY OF ASTRONOMICAL SEEING AND AN INVESTIGATION OF INSTRUMENTATION DESIGNED TO REDUCE THE EFFECTS OF ATMOSPHERE- INDUCED IMAGE ABERRATIONS.
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AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
A UNIPOLAR STRUCTURE APPLYING LATERAL DIFFUSION. DEC 1963
BY ROOSILD S A DDC NUMBER 435016
DOLAN R P JR
ONEIL D PROJ/TASK 5621 03
                                                                                              DDC NUMBER 430050
INSTRUMENT AF 19<604>05535
PROJ/TASK 769886053
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RADIO CORP OF AMERICA SARNOFF RESEARCH CENTER
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ON DETERMINATION OF THE OPTICAL ABSORPTION COEFFICIENT.

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BY KAHAN A

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31 OCT 1963
BY HERZOG G DDC NUMBER 434582
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INSTRUMENT AF 19<628>01629
PROJ/TASK 4641 04
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HARVIRD U CAMBRIDGE MASS
SURFACE-WAYE PROPAGATION ALONG A FERRITE ROD. 20 MAR
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POLYTECHNIC INST OF BROOKLYN FREEPORT N Y
WAVE PROPAGATION IN SINUSOIDALLY STRATIFIED DIELECTRIC
MEDIA- 31 JUL 1963
BY TAMIR T
WANG H C INSTRUMENT AF 19660407
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PROJ/TASK 5635 02
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PROJ/TASK 4600 04
                           WANG H C
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TFCHNISCHE HOCHSCHULE HANNOVER WEST GERMANY
EXCITATION OF PLASMA OSCILLATIONS BY SHOCK WAVES. 1 SEP
  AFCRL 63 0368
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MICROWAVE PHYSICS LABE LG HANSCOM FIELD MASS
RESPONSE FUNCTION FOR TAYLOR ANTENNA DISTRIBUTIONS, SEP
1963
BY DRANE C J JR
MCILVENNA J F JR
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PROJ/TASK 5633 01
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MITHRAS INC CAMBRIDGE MASS
THE ULTRAVIOLET ABSORPTION SPECTRA OF RUBY, OCT 1963
BY NAIMAN C 5
LINZ A C INSTRUMENT AF 19628:
PROLITASK 5621 04
                                                                                              PROJ/TASK 4600 06
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NEW YORK U NEW YORK
DIFFRACTION OF A HIGH-FREQUENCY PLANE ELECTROMAGNETIC
WAVE BY A PERFECTLY CONDUCTING CIRCULAR DISC. JUL 1963
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PROJ/TASK 5621 04
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SPERRY RAND CORP REMINGTON RAND UNIVAC DIV PHILADELPHIA PA
INVESTIGATION AND ANALYSIS OF CIRCUIT COMPLEXES, 1 DEC 1963
  AFCRL 63 0397
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
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PROJ/TASK 4645 04
        AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
SOME ASPECTS OF THE ACTIVITY OF THE GLOTTAL SOUND SOURCE
1. PERTURBATIONS IN VOCAL PITCH. 2. SOME ASPECTS OF
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MEASURES OF THE FUNDAMENTAL PERIODICITY OF NORMAL AND
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BY LIEBERMAN P
MICHAELS S B
PROJ/TASK 5628
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POLYTECHNIC INST OF BROOKLYN FREEPORT N Y

FOCUSING BY AN ANISOTROPIC PLASMA INTERFACE, 25 OCT 1963

BY FELSEN L B

INSTRUMENT AF 19<628>0235
                                                                                                                                                                                                                                                                                                                 INSTRUMENT AF 19<628>02357
PROJ/TASK 5635
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CAMBRIDGE SYSTEMS INC NEWTON MASS

MODIFICATION AND JESTING OF THE TEMPERATURE-HUMIDITY

MEASURING SET AN/TMQ-11<A>. AUG 1963

BY FRANCISCO C C

BFAURIFN D J DDC NUMBER 434792

INSTRUMENT AF 19<628>00410

PROJ/TASK 6682 04
AFCRL 63 0432
NEW YORK U NEW YORK
RESEARCH DIRECTED TOWARD THE STUDY OF PHOTOVOLTAIC
EFFECTS IN ORGANIC AND INORGANIC CRYSTALS AND THIN
FILMS. SEP 1963
BY KALLMAN H
INSTRUMENT AF 196064
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SEISMIC MODEL STUDIES OF FIRST MOTION PRODUCED BY AN

ACTUAL FAULT, 26 SEP 1963

BY PEUKE J H

HOWELL B F JR

INSTRUMENT AF 19<6043
                                                                                            INSTRUMENT AF 19<604>05495
PROJ/TASK 669266922
 AFCRL 63 0508
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PROJ/TASK 8652 08
        SYLVANIA ELECTRIC PRODUCTS INC MOUNTAIN VIEW CALIF INVESTIGATION OF NEW CONCEPTS FOR OPTICAL MIXING, 10 OCT
                 1963
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Y MCMURTRY B J
OSHMAN M K
SIEGMAN A F
TIFFANY W B
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FULL WAVE TREATMENT OF PROPAGATION OF SOUND IN A MEDIUM
OF CONSTANT VELOCITY GRADIENT, AUG 1963
BY CORNELL J D
TANENBAUM B S
INSTRUMENT AF 19<628>02
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PROJ/TASK 4645
AFCRL 63 0509
WASHINGTON U SEATTLE
RESEARCH SUMMARY AND BIBLIOGRAPHY. MAR 1963
BY ISHIMARU A

DDC NUMBER 427760
INSTRUMENT AF 19<604>04098
PROJ/TASK 5635 03
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PROJ/TASK 4649 01
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RAYTHFON CO WALTHAM MASS

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THEORETICAL DEVICES, SEP 1963

BY MONTGOMERY C R
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STUDIES OF WHISTLERS AND AUDIO- FREQUENCY EMISSIONS:
19 AUG 1963
BY MORGAN M G
JASTRUMENT AF 19<604:
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NEW YORK U NEW YORK

INVESTIGATION OF THE PREPARATION OF HIGH PURITY METALS

VIA THE DECOMPOSITION OF CYCLOPENTA- DIENYL AND ARENE

COMPLEX COMPOUNDS, 31 OCT 1963

BY TSUTSUT M

MARSEL C J INSTRUMENT AF 19<628>016

PROJ/TASK 4608 02
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CHALLERS INST OF TECH GOTHENBURG SWEDEN
DYNAMIC NOMLINFAR WAVE PROPAGATION IN IONIZED MEDIA.
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PROJ/TASK 4608 02
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BY WILHELMSSON K H B
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PROJ/TASK 5561 01
 AFCRL 63 0562
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
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TWO- LEVEL LASER SYSTEM. DEC 1963
APPL OPT V2 P862 AUG 1962
BY LUDMAN J F DDC NUMBER 435015
DDC NUMBER 435015
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BOLT BERANEK AND NEWMAN INC CAMBRIDGE MASS
STUDIES IN AUTOMATIC PATTERN RECOGNITION. 31 OCT 1963
BY MARILL T
DOC NUMBER 434824
INSTRUMENT AF 19<628>00227
PROJ/TASK 4691 03
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UTAH U SALT LAKE CITY

PROGRESSIVE DEVELOPMENTS IN THE DESIGN OF AN AIRBORNE UHF

TRANSMITTER FOR THE FALLING SPHERE EXPERIMENT. 9 DEC 1963

BY CROSS J L
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PROJ/TASK 6690 01
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A NOTE ON NZPLUS TWILIGHT AND SUNLIT AURORA, JUN 1963
CAN J PHYS V41 1963
BY MAARTENSE I
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THE WHISTLER- HYDROMAGNETIC EXTENSION OF MAGNETO- IONIC

THEORY, DEC 1963

BY KANTOR G

DC NUMBER 430051

PROJ/TASK 4603 10
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PROJ/TASK 7661 02
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PART I. THE COMMUNICATIONS POTENTIALITIES OF THE TRADE
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31 JUL 1963. PART II. SELECTION OF TERMINAL SITES FOR
TRANSOCEANIC DUCT PROPAGATION MEASUREMENTS, 30 SEP 1963.

BY AMENT W S
KATZIN M INSTRUMENT AF 19<628>00272
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OKLAHOMA U RESEARCH FOUNDATION NORMAN

THE PROPAGATION OF ULTRASONIC ELASTIC WAVES IN SOLID

BODIES AND IN GRANULAR MEDIA: DEC 1963

BY RICKER N H

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PROJ/TASK 8652 03
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SPERRY RAND CORP SPERRY GYROSCOPE CO GREAT NECK N Y
ANALYSIS OF OPTICAL RESONATORS INVOLVING FOCUSING
ELEMENTS, DEC 1963
BY COLLINS S A JR
CAVELLE R F

DDC NUMBER 438428
INSTRUMENT AF 19<6
PROJ/TASK 4645
  AFCRL 63 0866
RAYTHEON CO WALTHAM MASS

CU> KINETIC THEORY OF SOUND PROPAGATION IN RAREFIED

GASES, JUL 1963, SECRET

BY KAHN D

MINTZER D

INSTRUMENT AF 19<628:
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INSTRUMENT AF 19<628>02924
PROJ/TASK 4645 02
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AF DAR AIR FORCE CAMBRIDGE RESEARCH LABS
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AIR FORCE INTERIM SUPPLEMENTAL ATMOSPHERES TO 90

KILOMETERS, DFC 1963
BY COLE A F

KANTOR A J

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INVESTIGATIONS BY INTERFEROMETRY OF ATMOSPHERIC

TRANSMISSION SPECTRA, 15 JUL 1956 - 31 MAY 1963

BY DELBOUTLE L

ROLAND G

INSTRUMENT AF 61<514>00966
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PROJ/TASK 860386032
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AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS

ACCURACY OF METEOROLOGICAL DATA OBTAINED BY TRACKING

THE ROBIN WITH MPS-19 RADAR. DEC 1963

BY LENHARD R JP DDC NUMBER 434379

DOODY M P
  AFCRL 63 0902

AF OAR AIR FORCE CAMBRIDGE RESFARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
THE PROGRESS AND PRESENT STATUS OF INDIAN SCIENCE.
                NOV 1963
BY SEN H K
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VICINITY OF PLASMA RESONANCE, 31 AUG 1963
BY PETERS L JR
DOC NUMBER 426668
INSTRUMENT AF 19<604>07270
PROJ/TASK 5633 07
 AFCRL 63 0903

AF OZZ AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
BIBIOGRAPHY OF LUNAR AND PLANETARY RESEARCH 1962.
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BY SALISBURY J W
DODD R T JR
VAN TASSEL R A
ADLER J E M
                                                                                                 DDC NUMBER 428471
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OHIO STATE U RESEARCH FOUNDATION COLUMBUS
OBLIQUET INCIDENCE ON GENERAL MAGNETOPLASMA SLAB. 15 OCT
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BY UNZ H
                                                                        PROJ/TASK 8602 01
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STATIONS THROUGHOUT THE WORLD. SEP 1963
RY MILLER H J
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MOUNT AUBURN RESEARCH ASSOC INC CAMBRIDGE MASS
COUPLING OF MAGNETOHYDRODYNAMIC TO ELECTROMAGNETIC AND
ACOUSTIC WAVES AT A PLASMA- NEUTRAL GAS INTERFACE.
31 OCT 1963
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  AFCRL 63 0907

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L G HEAVSOM FIFED MASS.
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BY CARAVALLANO R L
MCCLAY J F
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MCNEILL D A
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PROJ/TASK 5633 07
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FEASIBILITY OF A LUNAR OPTICAL RANGING EXPERIMENT,
DEC 1963
DDC NUMBER 434586
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INSTRUMENT AF 61<052>00379
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MANCHESTER U ENGLAND
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BY KOPAL Z
INSTRUMENT AF 61<052>00400
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                        ILIFF R L
TAVENNER M S
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 AFCRE 63 0912
MOTOROLA INC SCOTTSDALE ARIZ
STUDY PROGRAM USE OF THE AN/DPN-66 TRANSPONDER IN A
RANGE CALIBRATION SATELLITE, 21 NOV 1963
BY SHARP F
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PROJ/TASK 860286020
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GENERAL MILLS INC ST PAUL MINN
DETERMINATION OF THE SHAPE OF A FREE BALLOON, THEORETICAL
DEVELOPMENT, 2 AUG 1963
RY SMALLEY J H
INSTRUMENT AF 19<628>02783
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HERREW U JERUSALFM ISRAEL
A METHOD FOR DETERMINATION OF THE OPTICAL CONSTANTS OF
THIN ABSORBING LAYERS. AUG 1963
BY HARRIS J
WEIMBERGER H
INSTRUMENT AF 61<052>00
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PROJ/TASK 6665 01
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A THEORY OF QUANTUM COMMUNICATIONS. 5 DEC 1963
BY ONEAL J B JR DDC NUMBER 429721
INSTRUMENT AF 19<628>00431
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AFCRL 63 1919

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AFCRL, SCIENTIFIC BALLOON SYMPOSIUM, DEC 1963

BY SPAULDING T B

PROJ/TASK 6665 0
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AN INVESTIGATION OF THE PERFORMANCE OF A STEFRABLE
MULTIPLICATIVE CIRCULAR ANTENNA ARRAY USING ANALOGUE
TECHNIQUES, 15 DEC 1963
BY MOULTON C L DDC NUMBER 434910
TILLMAN J D INSTRUMENT AF 19<628>00288
NEFF H P PROJ/TASK 4600 02
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OBSERVATIONS AT AND NEAR VERTICAL INCIDENCE WITH AN
M-33 RADAR. 30 NOV 1963
BY DEAM A P DDC NUMBER 429529
WALKER G B INSTRUMENT AF 19<604>08038
LAGRONE A R PROJ/TASK 4603
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GENERAL FLECTRIC CO UTICA NY
SATELLITE RATED MISTRAM TRANSPONDER STUDY+ 1 NOV 1963
RY ARRANTS DDC NUMBER 434793
RORAM R INSTRUMENT AF 190628502992
PROJ/TASK 5930 03
AFCRE 64 0007
MONTANA STATE COLL BOZEMAN
A FORMAL THEORY OF GENERALIZED MULTIPLE-OUTPUT BINARY
COMBINATIONAL SWITCHING NETWORKS. DEC 1963
BY KILMER W L
INSTRUMENT AF 19<604>06619
PROJ/TASK 5632 02
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CONRAD G
GREEN A
AFCRE 64 0011

NEW YORK U NEW YORK

CUMULATIVE CODES AS VARIABLE REDUNDANCY CODES. DEC 1963

BY WOLF J K

INSTRUMENT AF 19<604>0616
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LITTY R
POTTER R
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PROJ/TASK 4610 03
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HARVARD U CAMBRIDGE MASS
GENTRALIZED TABLES FOR THE CALCULATION OF DIPOLE
TRANSITION PROBABILITIES IN LS— COUPLING, FEB 1964
DDC NUMBER 434151
NSTRUMENT AF 19<604>04962
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NORTHEASTERN U BOSTON MASS

UNTITLEDC COMMUNICATIONS>+ 31 DEC 1963

BY SZE-HOU CHANG

LOB W H INSTRUM

LAI D C PROJ/TA
                                                                                  INSTRUMENT AF 19<604>07494
PROJ/TASK 4610 03
                         RFIS F B
GALMARINO A R
CAMPBELL J B
RFID F
GONSALVES R A
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POLYTECHNIC INST OF BROOKLYN FREEPORT N V
MODAL ANALYSIS AND SYNTHESIS OF FLECTROMAGNETIC FIELDS.

18 DEC 1963
BY FELSEN L B
                          FERMENTAL D
                                                                                                                                                                                                                                               MARCUVITZ N
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PROJ/TASK 4600 04
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SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
A SENSITIVE VIBRATION MAGNETOMETER, JAN 1964
BY LINDEN K J
                                                                                                                                                                                                                     AFCRL 64 0040
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BY DAVIS R G
HARP B F INSTRUMENT AF 1
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MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
SPIN WAVE ANISOTROPY IN PAPALLEL PUMPING EXPERIMENTS OF
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PROJ/TASK 5930 03
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FRANKLIN INST PHILADELPHIA PA
TORQUE AND ROTATIONAL HYSTERESIS IN FCC SINGLE CRYSTAL
COBALT FILMS, DEC 1963
BY DOYLE W D
INSTRUMENT AF 19<628>0
                  YIG. JAN 1964
Y SFTHARFS J C
SFAVEY M H JR
STIGLITZ M R
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DETERMINATION OF GALLIUM IN SUBSTITUTED YTTRIUM IRON
GARNETS. JAN 1964
NATURE VI99 NA898 PP1081-1082 SEP 1963
BY CALI J P
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PROJ/TASK 5635 03
                                                                                                                                                                                                                      AFCRE 64 0042
FRANKLIN INST PHILADELPHIA PA
VOIDS IN AGED SINGLE CRYSTAL PERMALLOY FILMS. DEC 1963
BY BALIZ A
INSTRUMENT AF 19<628>07
                                                                                                                                                                                                                                                                                                                    INSTRUMENT AF 19<628>02415
PROJ/TASK 5635 03
                                                                                           PROJ/TASK 5620 03
                                                                                                                                                                                                                      AFCRL 64 0043
FRANKLIN INST PHILADELPHIA PA
CONDENSER TILLTING DEVICE FOR DIFFRACTED BEAM MICROSCOPY
IN THE RCA- EMU3 ELECTRON MICROSCOPE, DEC 1963
BY BALTZ A
INSTRUMENT AF 196628502
AFCRL 64 0017

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
DRASTIC REDUCTION OF WARM UP RATE WITHIN A DEWAR SYSTEM BY
HELIUM DESORPTION, JAN 1964
                                                                                                                                                                                                                                                                                                                   INSTRUMENT AF 19<628>02415
PROJ/TASK 5635 03
AFCRE 64 0018

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
AN EXPERIMENTAL DETERMINATION OF ANTENNA PATTERN
DISTORTION DUE TO A PLASMA LAYER. JAN 1964

RY JACAVANCO D J

MELTZ G

PROJ/TASK 4642
                                                                                                                                                                                                                      AFCRL 64 0044

KAMAN ATRCRAFT CORP COLORADO SPRINGS COLO

CUS LOW ALTITUDE RADAR ATTENUATION. 20 DEC 1963. SECRET

RESTRICTED DATA
                                                                                                                                                                                                                                               PROJ/TASK 4642 02
AFORE 64 0019

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
MIDTUAL COMERENCE AND THE ARRAY THEOREM, JAN 1964
BY JACAVANCO D J
                                                                                                                                                                                                                      AFCRL 64 0045
OHIO STATE U RESFARCH FOUNDATION COLUMBUS
OBLIQUE INCIDENCE ON PLANE BOUNDARY BETWEEN TWO GENERAL
GYROTROPIC PLASMA MEDIA, JUN 1963
                                                                                                                                                                                                                                               11N7 H
                                                                                            PROJ/TASK 4642 02
                                                                                                                                                                                                                                                                                                                    INSTRUMENT AF 19<604>07270
PROJ/TASK 5633 07
AFCRL 64 0020

LAB FOR FLECTRONICS INC ROSTON MASS

RESEARCH IN FERROMAGNETICS. 15 DEC 1961 TO 15 DEC 1962

BY PLANSKY W M

HORNREICH R M

RIGHTY D A

RUBINSTEIN H

MCCORMACK T L

LAKIN L R
                                                                                                                                                                                                                    AFCRL 64 0046
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
COMPARISON OF THE SUPERPOSITION APPROXIMATION AND THE
MODIFIED GEOMETRICAL OPTICS METHOD FOR RADAR CROSS-
SECTIONS OF DIFLECTRIC- CLAD BODIES. 15 NOV 1963
BY KAWANO T
PFTERS L
INSTRUMENT AF 19<604>C
PROJ/TASK 5633 07
                                                                                                                                                                                                                                                                                                                   INSTRUMENT AF 19<604>07270
PROJ/TASK 5633 07
 AFORE 64 0024

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
OBSERVATIONS OF IONOSPHERIC BEHAVIOR DUBING THE SOLAR
ECLIPSE OF 20 JULY 1963 AT BEDFORD, MASS., JAN 1964
BY MINER R J
                                                                                                                                                                                                                       AFCRL 64 0047

SYRACUSE U RESEARCH INST N Y

SENSITIVITY AND STABILITY IN ACTIVE NETWORK SYNTHESIS.

31 JAN 1964

RY MELVIN D
                                                                                                                                                                                                                                                                                                                    INSTRUMENT AF 19<628>01649
PROJ/TASK 5628 01
                                                                                             PRO 1/TASK 4603 02
                                                                                                                                                                                                                      AFCRE 64 0048

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
ISOTOPE BANDS AND THE VIBRATION ASSIGNMENT OF THE
DZIIG-AZIIU GYSTEM OF NZ , JAN 1964
J CHEM PHYS V39 N10 PP2629-2633 NOV 1963
RY NAMIOKA T
YOSHIND K
 PROJ/TASK 864186414
                                                                                                                                                                                                                                                YOSHINO K
 AFCRE 64 0030
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIFLD MASS
0ZONESONDE OBSERVATIONS OVER NORTH AMERICA, VOL. I
JAN 1964
BY HERING W S
PROJ/IASK 8631 02
                                                                                                                                                                                                                                                                                                                   PROJ/TASK 8627 02
                                                                                                                                                                                                                      AFCRE 64 0049

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS

SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS

ON THE USE OF MAGNETOSTATIC MORES FOR MEASURING

SATURATION MAGNETIZATION OF FERRIMAGNETIC MATERIALS.
                                                                                                                                                                                                                                    JAN 1964
BY CAPONE B R
AFCRE 64 0033
TFEAS INSTRUMENTS INC DALLAS
BROADBAND DIGITAL SFISMOMETER EVALUATION. 21 FEB 1964
DDC NUMBER 433679
INSTRUMENT AF 196628502986
PROJ/TASK 8652 05
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AFCRL 64 0050
NORTHEASTERN U BOSTON MASS
DESIGN. CONSTRUCTION AND TESTING OF INSTRUMENTATION FOR
THE INVESTIGATION OF THE ELECTRICAL STRUCTURE OF THE
UPPER ATMOSPHERE. 31 DEC 1963
                                                                                                                                                                                                              AFCRL 64 0073
SYRACUSE U
                                                                                                                                                                                                                         DAY 10073

RESEARCH IN THE FAR INFRARED REGION OF THE SPECTRUM.

31 DEC 1963
BY GINSBURG N. DDC NUMBER 434700
                                                                                                                                                                                                                                                                                                      DDC NUMBER 434700
INSTRUMENT AF 19<628>00268
PROJ/TASK 8603 03
                   NARDONE L J
                                                                                        INSTRUMENT AF 19<604>07225
PROJ/TASK 8617 01
                                                                                                                                                                                                            AFCRL 64 0075

LONDON U QUEEN MARY COLL ENGLAND

A THEORETICAL INVESTIGATION OF DIFFUSION IN RAPFFIED

GASES, 30 SEP 1963

BY FERRARD V C DDC NUMBER 434790

GLIDDON J F C INSTRUMENT AF-EDAR -0

KENDALL P C PROJ/IASK 763576368
AFCRL 64 0054
TEXAS U AUSTIN
STUDY OF VARIOUS RADIO PROPAGATION PROBLEMS AND OF THE PROPAGATION PARAMETERS INVOLVED THERIN, 31 JAN 1964
BY LAGRONE A H
                                                                                                                                                                                                                                                                                                    DDC NUMBER 434790
INSTRUMENT AF-EOAR -0041-61
PROJ/TASK 763576368
                                                                                        INSTRUMENT AF 19<604>08038
PROJ/TASK 4603 02
                                                                                                                                                                                                              AFCRE 64 0076
TONOS PHARREN INST BREISACH WEST GERMANY
RESEARCH IN IONOSPHERIC STRUCTURE AND MOTION. 15 NOV 1963
BY HARNISCHMACHERE
 AFCRL 64 0056

NEW ENGLAND U ARMIDALE AUSTRALIA
GYRO- SPLITTING IN THE IONOSPHERF, 30 JAN 1964
J ATMOS TERREST PHYS V25 PD687-697 1963

RY HOURNE I A
SETTY C 5 G K
SMITH R A
PROJ/TASK 865
                                                                                                                                                                                                                                                                                                       INSTRUMENT AF 61<052>00081
PROJ/TASK 860586051
                                                                                       INSTRUMENT AF 19<604>06177
PROJ/TASK 8653 05
                                                                                                                                                                                                             AFCRL 64 0077

LAB DE PHYSIQUE PARIS FRANCE
FETTA LONG WAYES PROPAGATION WITH ROCKETS, 30 DEC 1963
BY VASSEY F J DDC NUMBER 434771
INSTRUMENT AF 61<052>00155
PROJ/TASK 563356333
 AFCRL 64 0057
LEXINGTON LARS INC CAMBRIDGE MASS
VAPOR PHASE GROWTH OF SINGLE CRYSTALS, JAN 1964
BY SCHAFFER P.S.
                                                                                        INSTRUMENT AF 19<628>02383
PROJ/TASK 4608 05
                                                                                                                                                                                                             AFCRL 64 0078

UPPSALA U SWEDEN

MAGNETIC FIFLD VARIATIONS IN VICINITY OF LIGHTNING

DISCHARGES, 1 OCT 1958 TO 30 JUN 1963

BY NORINDER H

DDC NUMBER 434772

INSTRUMENT AF 61</br>
PROJ/TASK 563156311
AFCRL 64 0058
WESTINGHOUSE ELECTRIC CORP PITTSRURGH PA
RECENT ADVANCES IN MICROWAVE PHONON GENERATION AND
DETECTION AND THEIR APPLICATION TO THE STUDY OF PHONON-
PHONON INTERACTIONS IN QUARTZ > 2 JAN 1964
BY DEKLERK J DDC NUMBER 434757
INSTRUMENT AF 19<604>08826
PROJ/TASK 4600 03
                                                                                                                                                                                                             AFCRL 64 0079
PRINCETON U N J
MECHANICAL PROPERTIES OF GRANULAR SYSTEMS
BY FAROUKI O T
WINTERKORN H F INSTRUMENT AF 19<628>02414
PROJ/TASK 7628 04
 AFCRL 64 0059
GFMFRAL DYNAMICS CORP POMONA POMONA CALIF
AIR- LAUNCHED ROCKETSONDE STUDY. JAN 1964
AY WENZEL R F
                                                                                                                                                                                                              AFCRE 64 DORD
CHALMERS INCLOF TECH GOTHENBURG SWEDEN
WHISTLER MODE - IONIZED STREAM INTERACTIONS, PART I.
1 APR 1963
BY RYDBECK O F H
ASKNE J INSTRUMENT AF 61<052>
PROJ/TASK 5561 01
                                                                                        INSTRUMENT AF 19<628>03265
PROJ/TASK 6020 01
 AFCRL 64 0060
PERNSYLVANIA STATE U UNIVERSITY PARK
ABSORPTION MEASUREMENTS OF ULTRASONIC WAVES IN PLASTIC
                                                                                                                                                                                                                                                                                                        INSTRUMENT AF 61<052>00451
PROJ/TASK 5561 01
                  SHEETS, NOV 1963
                                                                                        DDC NUMBER 434388
INSTRUMENT AF 19<628>00238
PROJ/TASK 8652 08
                                                                                                                                                                                                             AFCRL 64 0081

TECHNISCHE HOCHSCHULE MUNICH WEST GERMANY

FLE INVESTIGATIONS: 1 APR 1962 TO 30 JUN 1963

BY KONIG H L

ODC NUMBER 439090

INSTRUMENT AF 61<052>00603

PROJ/TASK 4603 12
 AFCRL 64 0061

ALAKKA U COLLEGE

RESFARCH DIRECTED TOWARD A STUDY OF THE IONOSPHERE IN

HIGH ALTITUDES. JAN 1964

BY FLOCK W L

INSTRUMENT AF 19<604>1
                                                                                                                                                                                                              AFCRL 64 0084
DENVER U COLORADO SEMINARY COLO
THE SPECTRAL RADIANCE OF THE SUN FROM 4 MICRONS TO 5
MICRONS, 4 FFR 1964
BY MURCRAY D G INSTRUMENT AF 1966043
                                                                                          INSTRUMENT AF 19<604>08833
PROJ/TASK 7663 02
 AFCRL 64 0062
GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIEGO CALIF
WEATHER SATELLITE DATA PROCESSING, 31 JAN 1964
BY MARGGRAF W A DDC NUMBER 433731
INSTRUMENT AF 19<604>08861
PROJ/TASK 6698 02
                                                                                                                                                                                                                                                                                                     INSTRUMENT AF 19<604>07429
PROJ/TASK 8662 01
                                                                                                                                                                                                                                       WILLIAMS W J
                                                                                                                                                                                                               AFCRE 64 nn85
BHIMANI RESEARCH ASSOC LEXINGTON MASS
MULTIDIMENSIONAL MODEL FOR AUTOMATIC SPEECH RECOGNITION.
  AFCRL 64 0063
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
LOW TEMPERATURE VAPOR GROWTH STUDIES. 31 DEC 1963
BY REISMAN A DDC NUMBER 433640
INSTRUMENT AF 19<628>02468
PROJ/TASK 4608 04
                                                                                                                                                                                                                                 14 FFB 1964
                                                                                                                                                                                                                                                                                                        INSTRUMENT AF 19<628>02766
PROJ/TASK 4610 02
                                                                                                                                                                                                              AFCRL 64 0087
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
SOME PROBLEMS IN INFORMATION SCIENCE WITH EMPHASIS ON
ADAPTATION TO USE THROUGH MAN- MACHINE INTERACTION.
1 JAN TO 31 DFC 1963. VOLUMES I AND II. 2 APR 1964
BY KOCHEN M
  AFCRL 64 0064
RAYTHEON CO NORWHOOD MASS
MEASUREMENT OF PHASE CONSTANT FOR ROCK PROPAGATED
SIGNALS, DEC 1983
BY TEAD CK H
                                                                                                                                                                                                                                                                                                       INSTRUMENT AF 19<628>02752
PROJ/TASK 5632 05
                                                                                           INSTRUMENT AF 19<628>02362
PROJ/TASK 4600 08
                                                                                                                                                                                                              AFCRL 64 0088
LIEGE U RELGIUM
DETERMINATION OF SMOOTH DISTRIBUTIONS OF ATMOSPHERIC
OZONE FROM THE ABSORPTION AND EMISSION OF THE 9.6
MICRONS BAND, 31 MAY 1963
RY VIGROUX F
  AFCRL 64 0066
RADIO CORP OF AMFRICA SARNOFF RESEARCH CENTER
PRINCETON N J
THEORY OF ADJUSTABLE SWITCHING NETWORKS, 30 NOV 1963
BY AMAREL S
LEVY S INSTRUMENT AF 19<604>0
SRINIVASAN C V PROJZTASK 5632 02
                                                                                       INSTRUMENT AF 19<604>08423
PROJ/TASK 5632 02
                                                                                                                                                                                                                                                                                                         INSTRUMENT AF 61<052>00962
PROJ/TASK 860386032
                                                                                                                                                                                                              AFCRL 64 0089
LIFGE U RELGIUM
RESULTS OF OBSERVATIONS ON ATMOSPHERIC OZONE BY THE
INFRARED METHOD. DEDUCED FROM DATA OBTAINED IN AROSA-
SWITZERLAND. 31 MAY 1963
BY VIGROUX F
DEBAIX A
PROJ/TASK 860386032
  AFCRE 64 0067
ILLINOIS U URBANA
ELECTRON INTERACTIONS IN CRYOGENIC HELIUM PLASMA. DEC
                    1963
                           GOLDAN P. D.
                                                                                          INSTRUMENT AF 19<628>03307
PROJ/TASK 4642 03
                                                                                                                                                                                                                                                                                                         INSTRUMENT AF 61<052>00962
PROJ/TASK 860386032
                                                                                                                                                                                                               AFCRE 64 0090

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS

UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS

ION DISSOCIATION IN THE DRIFT TURE OF A TIME- OF- FLIGHT

MASS SPECTROMETER, V. ANALYTIC SOLUTIONS OF THE FLIGHT-

TIME SHIFT FOLIATION, FEB 1964

BY HUNT W JR

KENNEDY M J

PROLITASK, 7635, 03
   AFCRL 64 0069
LOBAL ELECTRONICS CORP NEW YORK N Y
DESIGN AND INVESTIGATION OF LOW FREQUENCY SPACE ANTENNAS,
JAN 1964
                           ROSENTHAL M
                                                                                            INSTRUMENT AF 19<628>01670
PROJ/TASK 4603 12
                                                                                                                                                                                                                                                                                                         PROJ/TASK 7635 03
   AFCRL 64 0070
AF AIR FORCE CAMBRIDGE RESEARCH LABS RESEARCH LIBRARY
                                                                                                                                                                                                                AFCRL 64 0092
TFCHNICAL OPERATIONS INC BURLINGTON MASS PROTOTYPE DEVELOPMENT FOR METEOROLOGICAL INSTRUMENTS.
          L G HANSCOM FIFLD MASS
AUTOMATED ROUTINES IN TECHNICAL SERVICES, FEB 1964
BY SIEVERS P T
FASANA P J
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13 JAN 1964

BY SING C Y

THOMPSON B J

SOUZA A F

INSTRUMENT AF 19<604>06661 PROJ/TASK 7605 01 AFCRE 64 0093

HARVARD II CAMBRIDGE MASS

CLISSIFICATION OF SOLAR PROMINENCES FRO SUNSPOT CYCLE

NUMBER 19, 1960, FEB 1964

BY MENZEL D.H. DDC NUMBER 434153

JONES F.S. INSTRUMENT AF 19<604>04962

PROJ/TASK 7649 01 AFORE 64 0124

OKLAHOMA U RESEARCH FOUNDATION NORMAN
SOME CHARACTERISTICS OF DENSITY DISTRIBUTION AS INFERRED
FROM WIND MEASUREMENTS MADE BY THE METEOROLOGICAL
ROCKET NETWORK, FER 1964
BY THORNIET OF R INSTRUMENT AF 19<628>00489 PROJZTASK 8624 02 AFCRE 64 0005 CALIFORNIA U BERKELEY ELECTRON AND PLASMA REAM DYNAMICS, 1957 TO 1963, 31 OCT AFCRL 64 0125
EDGERTON GERMESHAUSEN AND GRIER INC ROSTON MASS
A SATELLITE- BORNE XENON FLASH OPTICAL BEACON FOR USE ON
THE PROPOSED MISSILE RANGE CALIBRATION SATELLITE, 23
FER 1964 INSTRUMENT AF 19<628>00324 PROJ/TASK 5634 02 DDC NUMBER 438872 DDC NUMBER 438873 DDC NUMBER 438874 INSTRUMENT AF 19<628>02979 PROJ/TASK 5930 03 AFCRL 64 0006
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
EVALUATION OF COMPLEX ORDER HANKEL FUNCTIONS, JAN 1964
BY YEH C DDC NUMBER 434113
INSTRUMENT AF 19664506195
PROJ/TASK 4642 02 GRONRERG F T SAUNDERS R I WARNER C AFCRL 64 0127
BENDIY CORP BALTIMORE MD
ATE LAUNCHED ROCKETSOUNDING STUDY, 27 FER 1964
BY BLACKBURN C P
GEORGE D R
PROJ/TASK 6027 AFCRL 64 0098
OKLAHOMA STATE U PESFARCH FOUNDATION STILLWATER
DESIGN. DEVELOPMENT, AND CONSTRUCTION OF MICROMETFORITE
DETECTION SYSTEMS, DEC 1963
BY CLAPP 5 5
BUCK R F DDC NUMBER 434784
INSTRUMENT AF 19<604>05715
PROJ/TASK 7667 02 INSTRUMENT AF 19<628>03264 PROJZIASK 6020 01 AFCRL 64 0128
ELECTROMAGNETIC RESEARCH CORP COLLEGE PARK MD
PROCEDURES FOR ESTIMATING RADIO FIFLDS PROPAGATED BY
MULTIPE SCATTERING IN THE TROPOSPHERE, 31 DEC 1963
BY AMENT W AFCRL 64 0099

RAYTHFON CO NORWOOD MASS

INVESTIGATIONS OF ELECTRICAL CHARACTERISTICS OF ROCK

MEDIUM IN NORTHERN NEW YORK STATE, JAN 1964

BY TSAO C K H INSTRUMENT AF 19<628>00272 PROJ/TASK 5631 04 AFCRL 64 0129

NEW YORK U NEW YORK

THEORETICAL STUDY OF THE USE OF GEOMETRIC TECHNIQUES IN

THE MICROWAVE FIELD. 16 JAN 1961 TO 15 JAN 1964

RY

STOCK D J R

KAPLAN L J INSTRUMENT AF 19<604>074 INSTRUMENT AF 19<628>02362 PROJ/TASK 4600 08 AFCRL 64 0101
HABYARD U CAMBRIDGE MASS
SPIN WAVE INSTABILITIES IN PERMALLOY FILMS OF VARYING
THICKNESS, 17 DEC 1963
BY COMLY J. R. INSTRUMENT AF 19<60457
PENNEY T. DROUTERS 6235 INSTRUMENT AF 19<604>07486 PROJ/TASK 5635 01 AFCRL 64 0130
OH10 STATE U COLUMBUS
THE EFFECT OF TOPOGRAPHY AND ITS ISOSTATIC COMPENSATION
ON FREE AIR GRAVITY ANOMALIES, DEC 1963
BY KIVIOJA L A
INSTRUMENT AF 19<628>023 INSTRUMENT AF 19<604>05487 PROJ/TASK 5635 03 AFCRL 64 0104

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIFLD MASS
STRUCTURE OF 10.10- DIBROMOANTHRONE, FEB 1964
NATURE V200 N4901 OCT 1963
BY SILVERWA J
YANNONI N F INSTRUMENT AF 19<628>02771 PROJ/TASK 7600 02 AFCRE 64 0131 OHIO STATE U COLUMBUS GEODETIC EXPERIMENT BY MEANS OF A TORSION BALANCE, DEC 1963 Y MUELLER I I HOLWAY O III KING R B JR PROJ/TASK 6694 05 INSTRUMENT AF 19<628>02771 PROJ/TASK 7600 02 AFCRL 64 0111

ATMOSPHERIC RESEARCH AND DEVELOPMENT CORP KANSAS CITY MO
TROPOPAUSE PENETRATIONS BY CHMULONIMBUS CLOUDS. FER 1964
BY HANKS H H JR
LONG M J INSTRUMENT AF 19462850245
REEBER G PROJ/TASK 8624 02 AFCRL 64 0132
OHIO STATE U COLUMBUS
ACCURACY OF MEAN GRAVITY ANOMALIFS OBTAINED FROM POINT
AND DROFILE MEASUREMENTS, DEC 1963
BY MORITZ H INSTRUMENT AF 19<628>02454 PROJ/TASK 8624 02 CRL 64 0113
GENERAL TELEPHONE AND ELECTRONICS LABS INC BAYSIDE N
STUDY OF ADSORPTION OF GASES ON SOLIDS IN THE HIGH
VACUUM RANGE, 31 JAN 1964
RY RLIVEN C W DDC NUMBER 434094
FLORIO J V INSTRUMENT AF 1966 INSTRUMENT AF 19<628>02771 PROJ/TASK 7600 02 AFCRL 64 0133 LION K S CONSULTING ENGINEERS CAMBRIDGE MASS INVESTIGATION IN THE FIELD OF IMAGE INTERSIFICATION. DDC NUMBER 434094 INSTRUMENT AF 19<628>00331 PROJ/TASK 5634 05 31 JAN 1964 LION K AFCRL 64 0116
RAYTHEON CO NORWOOD MASS
<US REMOTE DETECTION OF MISSILE LAUNCHES. JAN 1964
SECRET VANDERSCHMIDT G F INSTRUMENT AF 19<604>05704 PROJ/TASK 766176612 AFCRE 64 0134
HP ASSOC PALO ALTO CALIF
INVESTIGATION OF HOT ELECTRON EMITTER. 1 SEP 1963
THROUGH 31 DFC 1963
BY SOSHEA RW DDC NUMBER 433894
LUCAS R C INSTRUMENT AF 1966
PROJ/TASK 4608 SADOFSKY M D EDWARDS L C INSTRUMENT AF 19<628>02369 PROJ/TASK 673A DDC NUMBER 433894 INSTRUMENT AF 19<628>01637 PROJ/TASK 4608 05 AFCRE 64 0117

MASSETHUSETTS INST OF TECH CAMBRIDGE
PLASTIC DEFORMATION OF SINGLE CRYSTAL ICE
ACTA MET V12 FER 1964
BY READRY D W DDC NUMBER 434389
KINGERY W D INSTRUMENT AF 196626>02394
PROJ/TASK 8623 01 REID D A DOWLER V M HARMON R C AFCRL 64 0136

RADIO CORP OF AMERICA SARNOFF RESEARCH CENTER
PRINCETON N J
INVESTIGATIONS OF FUNDAMENTAL LIMITATIONS DETERMINING
THE ULTIMATE SIZE OF MICROSTRUCTURES, 31 JAN 1964
BY EVANS G
REVESZ A G
INSTRUMENT AF 19<604>0
PROLITASY 8432 AFCRL 64 0119

HARVARD U CAMBRIDGE MASS
CLASSIFICATION OF SOLAR PROMINENCES FOR SUNSPOT CYCLE
NIMBER 19, 1961, FER 1964
RY WERZEL D H DDC NUMBER 434154
JONES F S INSTRUMENT AF 19<604>04962
PROJ/TASK 7649 01 INSTRUMENT AF 19<604>08040 PROJ/TASK 5632 WALLMARK J T AFCRE 64 0139

PARKE MATHEMATICAL LARS INC CARLISLE MASS
RESEARCH ON ALGEBRAIC AND STATISTICAL THEORY. FER 1964
INSTRUMENT AF 194604507493
PROJ/TASK 5628 AFCRL 64 0120
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
STUDY OF SEMICONDUCTOR SOLIDS USED AS PHOTOCATALYSTS
IN THE FORMATION OF ENDOTHERMIC COMPOUNDS, SEP 1963
BY CALVERT J G DDC NUMBER 434789
INSTRUMENT AF 194604>06644
PROJ/TASK 6694 01 AFCRE 64 0140
NATIONAL BUREAU OF STANDARDS BOULDER COLO
THE OBLIQUE PROPAGATION OF GROUND WAVES ACROSS A COAST
LINE, PART III, 19 FEB 1964
BY WAIT J R AFCRL 64 0121
FLORIDA U GAINESVILLE
AN INVESTIGATION OF METHODS OF DETECTING AND CORRECTING
ERRORS IN DATA TRANSMISSION SYSTEMS. FEB 1964
BY PETERSON W MOSS M J INSTRUMENT AF 19<628>00431
OUEAL I R PROJ/TASK 5632 04 INSTRUMENT PRO-62-201 PROJ/TASK 4600 04 AFCRL 64 0141

FWFM-KNIGHT CORP FAST NATICK MASS
OXYGEN HORIZON SEEKER, THEORETICAL ANALYSIS, 14 FFB 1964

BY LILLEY A F
TYLER W INSTRUMENT AF 19<625>032 MOSS M J ONEAL J B WELDON E INSTRUMENT AF 19<628>03239 PROJ/TASK 4427 02

ROBICHAUD A

AFCRE 64 0123
OKLAHOMA U RESEARCH FOUNDATION NORMAN
RESEARCH DIRECTED TOWARD THE STUDY OF THE STRUCTURAL AND
ULTRAVIOLET SPECTRA OF FREE RADICALS, MOLECULES AND
MOLECULAR IONS USING THEORETICAL AND COMPUTATIONAL
METHODS, FER 1964
OCC. NUMBER 437052

DDC NUMBER 437952 INSTRUMENT AF 19<604>05576 PROJ/TASK 7635 07

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AFCRL 64-0163

AF DAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G MANSCOM FIELD MASS
OPERATIONAL PREDICTION OF DIFFUSION DOWNWIND FROM LINE
SOURCES. MAR 1964
BY ELLIOTT W P
BARAD M L
PROJ/TASK 7655 04
  AFCRL 64 0142
GENERAL FLECTRIC CO KING OF PRUSSIA PA
THEORETICAL CALCULATION OF CROSS- SECTIONS OF IMPORTANCE
TO ATMOSPHERIC DEIONIZATION. JAN 1964
RY BAULKNIGHT C W
                                                                                                      INSTRUMENT AF 19<604>08820
PROJ/TASK 8653 02
 AFCRL 64 0143
TECHNION RESFARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAFL
RESEARCH ON OSCILLOSCOPIC STEREOSCOPE, 31 AUG 1961 TO
JL 1962
BY OLLENDORFF DDC NUMBER 434774
HIRSHE INSTRUMENT AF 61<052>00
PROJ/TASK 5635 01
                                                                                                                                                                                                                                        AFCRL 64 0164

SPACE GENERAL CORP EL MONTE CALIF

EXPERIMENTAL RESEARCH INVESTIGATION OF EXTREMELY LOW
FREQUENCY PROPAGATION. 28 FEB 1964

BY DUNN G R

KUHNLE P F INSTRUMENT AF 190628:
SMITH R D PROJ/TASK 4603 13
                                                                                                      DDC NUMBER 434774
INSTRUMENT AF 61<052>00551
PROJ/TASK 5635 01
                              FRIEDMAN G
SHAUDENISHKY L
                                                                                                                                                                                                                                                                                                                                              INSTRUMENT AF 19<628>01603
PROJ/TASK 4603 13
  AFCRL 64 0144
BITTERLICH W INNSHRUCK AUSTRIA
HORIZONTAL MAGNETIC DIPOLE IN A CONDUCTION EARTH. 25
NOV 1963
BY TINHOFER G DDC NUMBER 434775
                                                                                                                                                                                                                                         AFCRL 64 0165
                                                                                                                                                                                                                                                  DENVER U COLORADO SEMINARY COLO
RADIANCE OF THE EARTH IN SELECTED WAVE LENGTH INTERVALS
AS OBSERVED FROM HIGH ALTITUDES, 31 MAR 1964
BY MURCRAY D G
                                                                                                      DDC NUMBER 434775
INSTRUMENT AF 61<052>00490
PROJ/TASK 4610 01
                                                                                                                                                                                                                                                                                                                                              INSTRUMENT AF 33<616>07633
PROJ/TASK 4479 01
   AFCRL 64-0145
BITTERLICH W INNERRUCK AUSTRIA
PROPAGATION OF VLF WAVES IN HIGHLY CONDUCTING MEDIUM.
                                                                                                                                                                                                                                         AFCRL 64 0166
CONTROLS FOR RADIATION INC CAMBRIDGE MASS
IMPROVEMENT OF PHOTOMULTIPLIER RESPONSE AND DEVELOPMENT
OF A DEVICE FOR MEASUREMENT OF KEY AURORAL ELECTRONS.
                1 DFC 1963
BY GROBNER O
                                                                                                      DDC NUMBER 434776
INSTRUMENT AF 61<052>00490
PROJ/TASK 4610 01
                                                                                                                                                                                                                                                             MAR 1964
MCCALL R C
JASINS A C
                                                                                                                                                                                                                                                                                                                                              INSTRUMENT AF 19<628>02910
PROJ/TASK 7661 06
 AFCRL 64 0146
AEROSPACE RESEARCH INC BRIGHTON MASS
(U) DETECTION OF ROCKET INDUCED IONOSPHERIC DISTURBANCES
BY MEASUREMENT OF SMALL COSMIC NOISE CHANGES, DEC 1963,
SECRET
                                                                                                                                                                                                                                        AFCRL 64 0167
MASSFZHUSETTS INST OF TECH CAMBRIDGE
ANGULAR MOMENTUM FLUX IN THE FORMATION OF THE SOLAR
SYSTEM, 1 FEB 1964
RY GAUT N F
DDC NUMBER 438007
INSTRUMENT AF 19662
                            ROTTENBERG J A
RUSSFLL L
                                                                                                      DDC NUMBER 349876
INSTRUMENT AF 19<628>02437
PROJ/TASK 4649 02
                                                                                                                                                                                                                                                                                                                                             DDC NUMBER 438007
INSTRUMENT AF 19<628>02408
PROJ/TASK 8628 02
 AFCRL 64 0148

CONNECTICUT U STORRS

ANGULAR DEPENDENCE OF DIFFERENTIAL CROSS SECTION FOR

CHARGE TRANSFER IN SINGULARLY IONIZED HELIUM ON HELIUM

COLLISIONS, 30 APR 1964

BY EVERHART F

INSTRUMENT AF 19<68>0238
                                                                                                                                                                                                                                        AFCRL 64 0168
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
PHOTOIONIZATION AND PHOTOIONIZATION-INDUCED ION-
MOLECULE REACTIONS, 28 FEB 1964
BY WEISSLER G L
INSTRUMENT AF 19-
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<628>02452
PROJ/TASK 7635 05
                                                                                                     INSTRUMENT AF 19<628>02387
PROJ/TASK 7635
                                                                                                                                                                                                                                         AFCRL 64 0170
NORTHROP CORP NEEDHAM HEIGHTS MASS
RADIOMETRIC DATA GATHERING PROGRAM. FEB 1964
BY HOWES B S
 AFCRL 64 0190
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS
INDICATIONS OF A LUNAR SYNODICAL PERIOD IN THE SUNSHINE
OBSERVATIONS FOR BOSTON. MASS. AND COLUMBIA. MO.. MAR
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<628>02749
PROJ/TASK 4600 07
                    1964
Y LUND I A
                                                                                                                                                                                                                                        AFCRL 64 0173
POLYTECHNIC INST OF BROOKLYN FREEPORT N Y
TRANSIENT SOLUTIONS FOR A CLASS OF DIFFRACTION PROBLEMS.
6 MAR 1964
BY FFLSEN L B
 AFCRL 66 0191
TFCHNICAL OPERATIONS INC BURLINGTON MASS
LOSS FACTORS AFFECTING RUBY LASER SYSTEMS. 31 JAN 1964
RY MASTERS J INSTRUMENT AF 19<628>00
MURRAY E M E PROJ/TASK 4645 02
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<628>02357
                                                                                                     INSTRUMENT AF 19<628>00405
PROJ/TASK 4645 02
                                                                                                                                                                                                                                        AFCRE 64 0174

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
FOUATORIAL LOCI OF EARTH-S MAGNETIC FIELD AND COSMIC RAY
PAFAMETERS. MAR 1964
BY CHERMOSKY F J
COLLINS J M
HAGAN M P
PROJ/TASK 8601 02
 AFCRL 64 0154
PARAMETRICS INC WALTHAM MASS
RESFARCH DIRECTED TOWARD THEORETICAL AND EXPERIMENTAL
INVESTIGATIONS INVOLVING SHOCK HEATED HIGH TEMPERATURE
GASES, 14 FFB 1964
BY CARNEVALE F H DDC NUMBER 434357
LARSON G S INSTRUMENT AF 19<628>0242
WOLNIK S J PROJ/TASK 8635 03
                                                                                                     DDC NUMBER 434357
INSTRUMENT AF 19<628>02428
PROJ/TASK 8635 03
                                                                                                                                                                                                                                        AFCRL 64 0175
CALIFORNIA INST OF TECH PASADENA
AN INTERFEROMETRIC MEASUREMENT OF INDEX OF REFRACTION.
13 MAR 1964
BY SHUMATE M S
  AFCRL 64 0196
AF DAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
         AF OMR AIR FORCE CAMMRINGE RESEARCH LABS METEOROLOGY LAB
G MANSCOM FIELD MASS
WIND AND TEMPERATURE VARIATIONS DURING DEVELOPMENT OF A
LOW LEVEL JFT. MAR 1964
J APPL METEOROL V2 N5 PP668-673 OCT 1963
RY IZUMI Y
MARAD M L
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<604>08052
PROJ/TASK 4600 06
                                                                                                                                                                                                                                        AFCRL 64 0176
WFIZMAN INST OF SCIENCE REHOVOTH ISRAEL
PRESSURE-INDUCFD SHIFTS OF MOLECULAR LINES IN EMISSION
AND IN ABSORPTION, JAN 1964
J CHEM PHYS V39 N6 PP1447-1448 SEP 1963
BY JAFFE J H
FRIEDMANN H
INSTRUMENT AF 61<052>00
HIRSHFELD M A
RFN-REUVFN A
AFCRE 64 0158
AF OAR AIR FORCE CAMMRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HARSCOM FIELD MASS
CEPTERAL - FORCE LAWS FOR AN ELIPTIC ORBIT. MAR 1964
AM MATH MORTHLY V71 N1 JAN 1964
BY TOMAN K
PROJ/TASK 7661 05
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 61<052>00388
PROJ/TASK 8603 03
                                                                                                                                                                                                                                       AFCRL 64 0179
TEXAS U AUSTIN
A COMMUNICATION SYSTEM AND THEORY FOR INVESTIGATION OF
ELECTROMAGNETIC WAVE PROPAGATION IN THE EARTH AT
FREQUENCIES FROM 0 TO 3000 CPS, 28 FEB 1964
BY WORD D R
PATRICK F W INSTRUMENT AF 194604->01
PROJ/TASK 4600 08
                                                                                                     PROJ/TASK 7661 05
 AFCRL 64 0167
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
         L G HANSOM FIELD MASS
EXAMINATION OF A WIND PROFILE PROPOSED BY SWINBANK. MAR
               1964
J APPL METEOROL V2 N6 PP747-754 DEC 1963
RV MARAD M L
PROJ/TASI
                                                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<604>08513
PROJ/TASK 4600 08
                                                                                                                                                                                                                                       AFCRL 64 0180

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
AUTOMATIC DIGITAL RADAR REFLECTIVITY ANALYSIS OF A
TORNADIC STORM, MAR 1964
J APPL METEOROL V2 N5 PP574-581 OCT 1963
BY ATLAS D
BROWNING K A
DOMALDSON R J JR
PROJ/TASK 6672 01
SWEENEY H J
                                                                                                     PROJ/TASK 8604 01
 AFCRL 64 0161
CALIFORNIA INST OF TECH PASADENA
MULTI-REFLECTOR OPTICAL RESONATORS. 27 FEB 1964
BY CLARR P 0
                                                                                                     INSTRUMENT AF 19<604>08052
PROJ/TASK 4600 06
AFCRL 64 0162

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS

UPPER ATMOSPHERE PHYSICS LAB L G HARSCOM FIELD MASS

HELIUM AND ARGON EMISSION CONTINUA AND THEIR USE IN

ABSORPTION CROSS- SECTION MEASUREMENTS IN THE VACUUM

ULTRAVIOLET, WAR 1964

PROC COME IONIZATION PHENOMA GASES 6TH PARIS 1963

BY HUFFMAN R F

TAMAKA Y

LARRABEE J C PROJ/TASK 8627 01
                                                                                                                                                                                                                                       AFCRE 64 0181
AF 0/2 AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
AIRFLOW AND STRUCTURE OF A TORNADIC STORM. MAR 1964
J ATMOS SCI V20 N6 PP533-545 NOV 1963
BY BROWNING K A
DONALDSON R J JR
PROJ/TASK 6672 03
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AFCRL 64 C199
HARVARD U CAMBRIDGE MASS
THE VARIATION OF PERIODICITY OF MAGNETIC STRUCTURE WITH
DILUTION AND FEMERATURE FOR THE HEAVY RARE- EARTH
METALS, 24 FFR 1964
BY COOPER B R
AFCRL 64 0183
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
SHALLOW FOCUS EXPLOSION IN A LIQUID SPHERE, 10 JAN 1964
BY ALTERNAN Z
KORNFELD P INSTRUMENT AF 61<052>005
                                                                                         INSTRUMENT AF 61<052>00509
PROJ/TASK 8652 06
                                                                                                                                                                                                                                                                                                           INSTRUMENT AF 19<628>03874
PROJ/TASK 5635 03
AFCRL 64 0184
MICHIGAN U ANN ARBOR MICH
THE ATMOSPHERIC PRESSURE WAVE GENERATED BY A NUCLEAR
EXPLOSION. FEB 1964
BY VANHULSTEYN D B
INSTRUMENT AF 19<628:
PROJ/TASK 7637 02
                                                                                                                                                                                                               AFCRL 64 0204
LOCKHEED AIRCRAFT CORP PALO ALTO CALIF
SUB-FLE GEOMAGNETIC FLUCTUATIONS, VOL I - FREQUENCY
TIME CHARACTERISTICS OF HYDROMAGNETIC EMISSIONS, VOL II
STATISTICAL STUDIES OF HYDROMAGNETIC EMISSIONS, VOL III
OBSERVATIONS OF TRANSIENT AND BACKGROUND FLE AND SUB-
ELF ELECTROMAGNETIC EFFECTS PRODUCED BY HIGH ALTITUDE
NUCLEAR DETONATIONS, 26 DEC 1963
                                                                                          INSTRUMENT AF 19<628>00304
PROJ/TASK 7637 02
 AFCRL 64 C185
COLUMBIA U NEW YORK N Y
PROPAGATION OF PL WAVES ACROSS THE UNITED STATES. FEB
                                                                                                                                                                                                                                         TEPLEY L
WENTWORTH R C
AMUNDSEN K D
                                                                                                                                                                                                                                                                                                           INSTRUMENT AF 19<628>00462
PROJ/TASK 8653
              1964
BULL SEISMOL SOC AM V54 N1 PP151-160
                                                                                                                                                                                                                                         LAMBERT K G
PRENTISS H V
HILLENDAHL D R
                                                                                          INSTRUMENT AF 19<604>07376
PROJ/TASK 8652 03
                                                                                                                                                                                                               AFCRL 64 0210
BLOCK ASSOC INC CAMBRIDGE MASS
INFRARED HORIZON STUDIES+ 31 DEC 1963
BY PERSKY M J DDC NUMBER 430887
INSTRUMENT AF 19<628>02946
PROJ/TASK 4427 02
AFCRL 64 0186
COLUMBIA U NEW YORK N Y
ON ELASTIC STRAIN OF THE EARTH IN THE PERIOD RANGE 5
SECONDS TO 100 HOURS, FEB 1964
BY MAJOR M W
INSTRUMENT AF 19<604)
                         SUTTON G H
OLIVER J
METSGER R
                                                                                     INSTRUMENT AF 19<604>07376
PROJ/TASK 8652 03
                                                                                                                                                                                                                AFCRL 64 0187
GEORGIA INST OF TFCH ATLANTA
ANALYSIS TECHNIQUES FOR DETERMINING MASS MOTIONS IN THE
UPPER ATMOSPHERE FROM CHEMICAL RELEASES, JAN 1964
BY JUSTUS C G
EDWARDS H D INSTRUMENT AF 19<628>033
FULLER R N PROJ/TASK 4984 01
                                                                               INSTRUMENT AF 19<628>03305
PROJ/TASK 4984 01
                                                                                                                                                                                                                AFCRL 64 C213
HUGHES AIRCRAFT CO CULVER CITY CALIF
INFORMATION THEORETIC EVALUATION AND OPTIMIZATION OF
ANTENNA SYSTEMS, MAR 1964
BY YOUNG GO
KSIFNSKI A INSTRUMENT AF 196628
 AFCRL 64 0188
MOTOROLA INC PHOFNIX ARIZ
RESFARCH AND DEVELOPMENT FOR SURFACE PROTECTION OF
SEMICONDUCTOR DEVICES, 14 DEC 1963
BY HALL M A
COOPER H W INSTRUMENT AF 19<60
FLASCHEN 5 S PROJ/TASK 5621
                                                                                                                                                                                                                                                                                                            INSTRUMENT AF 19<628>00333
PROJ/TASK 4600 06
                                                                                         INSTRUMENT AF 19<604>08358
PROJ/TASK 5621
                                                                                                                                                                                                                AFCRL 64 0214
HUGHES AIRCRAFT CO CULVER CITY CALIF
GENERALIZED COHFRENCE THEORY, MAR 1964
BY YOUNG G O
KSTENSKI A INSTRUM
  AFCRL 64 0189

RADIO CORP OF AMERICA SARNOFF RESEARCH CENTER
PRINCETION N J
INVESTIGATION OF TWO-CARRIER INJECTION
FLECTROLUMINESCENCE. 15 MAR 1964
BY FISCHER A G
                                                                                                                                                                                                                                                                                                            INSTRUMENT AF 19<628>00333
PROJ/TASK 4600 06
                                                                                                                                                                                                                 AFCRL 64 0215
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
AN APPLICATION OF INDUCTION HEATING TO ROCK DEFORMATION
APPRARATUS, MAR 1964
BY RIECKER R F
                                                                                         INSTRUMENT AF 19<628>03866
PROJ/TASK 4608 05
 AFCRL 64 0190
AF O/R AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
A SEARCH FOR RAINFALL CALENDARICITIES, MAR 1964
J ATMOS SCI V20 N6 PP529-532 NOV 1963
BY BRIER G
SHAPIRO R
                                                                                                                                                                                                                AFCRL 64 0219
SELENIA 5 P A ROMF ITALY
MICROWAVE PROPAGATION BY MAGNETO-IONIC DUCTS, OCT 1963
BY GILARDINI I A
                          MACDONALD N J
                                                                                         PROJ/TASK 8604 04
                                                                                                                                                                                                                                                                                                       INSTRUMENT AF 61<052>00145
PROJ/TASK 5630
 AFCRL 64 0191
NEW YORK STATE U STONY BROOK
THE TIME DOMAIN SYNTHESIS OF DISTRIBUTIONS. 1 FFB 1964
BY ZEMANIAN A H
                                                                                                                                                                                                                AFCRL 64 0228
TFXAS U AUSTIN
CALCULATED REFRACTIVE INDICES FOR SMALL-AMPLITUDE
GEOMAGNETIC DISTURBANCES, 15 DEC 1963
RY CHAPMAN C W DDC NUMBER 4308BR
FANNIN B M INSTRUMENT AF 19<604>08038
PROJ/TASK 4603
                                                                                           INSTRUMENT AF 19<628>02981
PROJ/TASK 5628 01
AFCRL 64 0229

STANFORD RESEARCH INST MENLO PARK CALIF

THE SYNOPTIC CLIMATOLOGY OF CLOUD- FREE AREAS. DEC 1963

BY ALDER J F

SFRERFRY S M INSTRUMENT AF 19<628>02363

PROJ/TASK 6360
                                                                                           INSTRUMENT AF 19<604>07385
PROJ/TASK 4600 07
 AFCRL 64 0193
ALLIED RESEARCH ASSOC INC CONCORD MASS
NUMERICAL METHODS FOR COMPUTING THE DENSITY OF A RAREFIED
GAS ABOUT A MOVING OBJECT, MAR 1964
BY PARKER L
                                                                                                                                                                                                                AFCRE 64 0230
STANFORD RESEARCH INST MENLO PARK CALIF
THE SYMOPTIC CLIMATOLOGY OF CLOUD- FREE AREAS, DEC 1963
BY SFRERRERY S M DDC NUMBER 433503
ALDER J F DC NUMBER 433503
INSTRUMENT AF 19<628>02363
PROJ/TASK 6300
                                                                                           INSTRUMENT AF 19<628>02782
PROJ/TASK 4691 02
PROJ/TASK 5633 06
                                                                                                                                                                                                                 AFCRL 64 0231
SHELL DEVELOPMENT CO HOUSTON TEX
A NOTE ON THE COMPUTATION OF RAYLEIGH WAVE DISPERSION
CURVES FOR FLASTIC MEDIA. 7 JAN 1964
BY ROSENBAUM J H
INSTRUMENT AF 19662820
 AFCRL 64 0195
OKLAHOMA STATE U RESEARCH FOUNDATION STILLWATER
SUPPORT OF THE UPPER AIR ROCKET RESEARCH PROGRAM
BY GUINN C M
HOOVER W INSTRUMENT AF 194
ZINN J PROJ/TASK 7659
                                                                                           INSTRUMENT AF 19<604>06648
PROJ/TASK 7659 03
                                                                                                                                                                                                                                                                                                            INSTRUMENT AF 19<628>02785
PROJ/TASK 8652 04
  AFCRL 64 0197
MCGILL U MONTREAL P O CANADA
CONTRIBUTIONS TO THE SEMINARS ON THE STRATOSPHERE AND
MESOSPHERE AND POLAR METEOROLOGY, 7-19 JUL 1963
METFOROLOGY N47 JAN 1963
                                                                                                                                                                                                                 AFCRL 64 0233
MAX-PLANCK-INST FUR CHEMIE MAINZ WEST GERMANY
TRITIUM DETERMINATIONS IN ATMOSPHERIC GASES AND
METEORITES, NOV 963
RY REGEMAN F
                                                                                           INSTRUMENT AF 19<604>08431
PROJ/TASK 8628 07
                                                                                                                                                                                                                                                                                                            INSTRUMENT AF 61<052>00465
PROJ/TASK 769076901
 AFCRL 64 0198
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
EVALUATING THE LOGICAL DESIGN OF THE PROBLEM ORIENTED
SYMBOL PROCESSOR. 1 NOV 1963. WITH APPENDIX
BY SCHAUFR R F
MFGGITT J F
INSTRUMENT AF 19<628>037
PROJ/TASK 850F
                                                                                                                                                                                                                 AFCRE 64 0240
GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIFGO CALIF
RESEARCH DIRECTED TOWARD THE INVESTIGATION OF SUITABILITY
OF THE GLOTRAC TYPE G. TRANSPONDER FOR USE IN THE RANCE
CALIBRATION SATELLITE. PART 4. 1 DEC 1963. PART 8.
                                                                                          INSTRUMENT AF 19<628>03257
PROJ/TASK 850F
                                                                                                                                                                                                                                   15 MAR 1964
BRAUN R
                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<628>03274
PROJ/TASK 5930 03
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AFCRL 64 0266 KIRUNA GEOPHYSICAL ORSERVATORY SWEDEN AUROBAL ZONE FARADAY ROTATION STUDIES. 30 DEC 1963 AFCRL 64 0241
MASSACHUSETTS INST OF TECH CAMBRIDGE
STUDIES IN OPTIMUM FILTERING OF SINGLE AND MULTIPLE
STOCHASTIC PROCESSES, 30 JUN 1963
BY SIMPSON S M INSTRUMENT AF 61<052>00678 ROBINSON E A WIGGINS R A WUNSCH C I INSTRUMENT AF 19<604>07378 PROJ/TASK 8652 03 AFCRL 64 0267
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
OPEPHDENCE OF AURORAL ZONE SATELLITE SCINTILLATION ON
GEOMAGNETIC ACTIVITY: 16 JAN 1964
BY LISZKA AFCRL 64 0242

CALIFORNIA INST OF TECH PASADENA
PLASMA DIAGNOSIS BY MEANS OF PHOTON- ELECTRON SCATTERING.
1 FER 1964
BY SCHWARTZ 5 E INSTRUMENT AF 61<052>00678 PROJ/TASK 4643 02 INSTRUMENT AF 19<604>08052 PROJ/TASK 4600 06 AFCRE 64 0268
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
THE GEOGRAPHICAL DISTRIBUTION OF SATELLITE SCINTILLATION
ACTIVITY ABOVE NORTHERN SCANDINAVIA, 10 FEB 1964
BY LISZKA L AFCRE 64 0244

NEW YORK U NEW YORK

DIFFRACTION OF FLECTROMAGNETIC WAVES BY A CIRCULAR

APPRILIE IN AN INFINITELY CONDUCTING PLANE SCREEN.

MAR 1964

RY RAFER J INSTRUMENT AF 61<052>00678 PROJ/TASK 4643 02 AFCPL 64 0269

DENMARK TECHNICAL U COPENHAGEN

OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVEN

AND NARSSARSSUAG, GREENLAND AND AT TROMSO, NORWAY IN

1962. JAN 1964

BY JACKFORTI I M

STOCKFLET T INSTRUMENT AF 61<052>008 INSTRUMENT AF 19<604>05238 PROJ/TASK 5635 02 BURENEELD I AFCRL 64 0245
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
MACHTOMETER, PHOTOMETER, AND EARTH CURRENT OBSERVATIONS
JI KIRUNA, 15 FEB 1964
BY GUSTAFSSON G DDC NUMBER 434778
FORELAND A INSTRUMENT AF 61<052>006B INSTRUMENT AF 61<052>00652 PROJ/TASK 7663 06 DDC NUMBER 434778 INSTRUMENT AF 61<052>00688 TAAGHOLT J AFCRL 64 0270
IONOSPHARREN INST BREISACH WEST GERMANY
RESULTS OF E REGION DRIFT MEASUREMENTS
PROC INTERN CONF IONOSPHERF LONDON JUL 1962
BY HARNISCHMACHER F AFCRL 64 0246
OSLO U NORWAY
A COMPUTATION OF THE VERTICAL CIRCULATION IN A FRONTAL
ZONE FROM THE QUASI- GEOSTROPHIC EQUATIONS. 8 JAN 1964
BY TODSEN M INSTRUMENT AF 61<052>00081 PROJ/TASK 860586051 INSTRUMENT AF 61<052>00525 PROJ/TASK 6020 04 AFCRL 64 0271

ITEK CORP LEXINGTON MASS
THE APPLICATION OF PHOTOGRAPHIC PHOTOMETRY TO ELECTRONIC DISPLAY SYSTEMS, JAN 1964
PHOT SCI ENG V8 N1 PP2-6 JAN-FEB 1964
RY SAMFORD L C
HARVEY D I INSTRUMENT AF 19<604>0846
KOHLER R J PROJ/TASK 6698 02 AFCRL 64 0247

IONOSPHAEREN INST BREISACH WEST GERMANY
DEVPLOPMENT OF LOW- WEIGHT MEASURING APPARATUS FOR
ELECTRON DENSITIES IN A PLASMA. 20 NOV 1963

BY JACONS K G DDC NUMBER 434894
INSTRUMENT AF 61<052>00290
PROJ/TASK 460346137 INSTRUMENT AF 19<604>08467 PROJ/TASK 6698 02 AFCRL 64 0249
LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND
THE DISTORTION OF CUMULONIMBUS PRECIPITATION OBSERVED BY
RADAR. NOV 1963
BY PROBERT-JONES J R DDC NUMBER 434779
INSTRUMENT AF 61<052>0025 AFCRL 64 0272
- MCGILL U MONTREAL P Q CANADA
- EVAPORATION AND SENSIBLE HEAT FLUX OVER THE ARCTIC OCEAN. METEOROLOGY N66 MAR 1964 BY VOWINCKEL F TAYLOR B DDC NUMBER 434779 INSTRUMENT AF 61<052>00254 PROJ/TASK 8620 04 INSTRUMENT AF 19<604>07415 PROJ/TASK 8623 03 AFCRL 64 0250
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAYF PHYSICS LAB L G HANSCOM FIELD MASS
THE NONLINEAR INTERACTION OF AN FLECTROMAGNETIC WAYF WITH
A TIME DEPENDENT PLASMA MEDIUM, APR 1964
BY PAPA R J AFCRL 64 0273
INTERNATIONAL BUSINESS MACHINES CORP CAMBRIDGE MASS
SHORT ARC ORBIT DETERMINATION FOR ANNA SATELLITE, MAR 1964
BY ROSSONI J P INSTRUMENT AF 19<628>03266 SCONZO P WINFIELD D INSTRUMENT AF 19<628>03266 PROJ/TASK 5930 03 PROJ/TASK 4642 02 AFCRE 64 0274

ALAKKA U COLLEGE
ALAKKA U COLLEGE
HWYESTIGATION OF SOLAR INDUCED PHENOMENA AT
MAGNETICALLY CONJUGATE POINTS. PARTS 1 AND 2. MAY 1964
BY WESTCOTT FM
HATHER K B INSTRUMENT AF 19<628>0277 AFCRL 64 0251 AFF INDUSTRIFS INC PARAMUS N J DESIGN OF A UHF RADIOMETER FOR PLASMA MEASUREMENTS. 9 MAR INSTRUMENT AF 19<604>08821 PROJ/TASK 4642 01 INSTRUMENT AF 19<628>02779 PROJ/TASK 8653 AFCRL 64 0252
ACE INDUSTRIES INC PARAMUS N J
L-BRAND RADIOMETER TYPE 207, 9 MAR 1966
INSTRUMENT AF 19<604>08821
PROJ/TASK 4642 01 AFCRL 64 0275
HARVARD U CAMBRIDGE MASS
RESEARCH DIRECTED TOWARD THE INVESTIGATION OF SOLAR
PHENOMENA, FFR 1964
RY RELL R
MENZEL D H
INSTRUMENT AF 19660 AFCRL 64 0254
GENERAL ELECTRIC CO SYRACUSE N Y
FEASIBILITY DEMONSTRATION OF A NEW PLASMA DIAGNOSTIC
PROBE, 24 JAN 1964
BY KINGSLAND D
INSTRUMENT AF 19<6285 AFCRL 64 0276

UTAH U SALT LAKE CITY
DIRECT IN SITU MEASUREMENTS OF WAKE CHARACTERISTICS OF
REENTRY VEHICLES, 16 MAR 1964

BY STEPHENSON R L
HAMMOND S B INSTRUMENT AF 19<628>01
DEVRIES K L PROJZTASK 6327 INSTRUMENT AF 19<628>02378 PROJ/TASK 6327 INSTRUMENT AF 19<628>03243 PROJ/TASK 6327 AFCRL 64 0256
OKLAHOMA U RESEARCH FOUNDATION NORMAN
PROGRESS ON A STUDY OF ATMOSPHERIC CIRCULATION TO 200
KILOMETERS IN TERMS OF DENSITY, FEB 1964
BY WHITEHEAD V S
SAUCIER W J INSTRUMENT AF 19<628>C
PROJJYTASK 8624 02 BURT D A AFCRL 64 0277
MIAMI U CORAL GABLES FLA
DIFFUSION OF PLASMAS ACROSS A MAGNETIC FIELD, 1 MAR 1963
TO 28 FEB 1964
BY KURSUNGOLU B INSTRUMENT AF 19<628>00489 PROJ/TASK 8624 02 AFCRL 64 0260
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
PERTURBATION APPROACH TO THE DIFFRACTION OF
ELECTROMAGNETIC WAVES BY ARBITRARILY SHAPED DIFLECTRIC
ORSTACLES, MAR 1964
BY YEH C W H INSTRUMENT AF 19<628>02844 PROJ/TASK 6694 09 AFCRL 64 0278

KANSAS STATE U MANHATTAN
THE PREPARATION AND PROPERTIES OF YHIN FILMS OF SEMICOMDUCTORS. 1 MAR 1964

RY DALE F B
STNECAL G INSTRUMENT AF 1'
HUEBNER D H PROJ/TASK 5621
WONG F K
BEHLE A INSTRUMENT AF 19<604>06195 PROJ/TASK 4642 02 INSTRUMENT AF 19<604>07218 PROJ/TASK 5621 03 AFCRL 64 0263

ROYAL INST OF TECH STOCKHOLM SWEDEN

ACOUSTIC SPECIFICATION OF SPEECH STL. 5 JAN 1964

BY FANT C G M

INSTRUMENT AF-EOA INSTRUMENT AF-EOAR -0055-63 PROJ/TASK 4610 02 AFCRL 64 0279

CASE INST OF TECH CLEVELAND ONIO

ELECTROMAGNETIC POTENTIALS AND FIELD EXPANSIONS FOR PLASMA
RADIATION IN WAYE GUIDES. MAR 1964

BY COLLIN R F AFCRL 64 0264

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIFLD MASS
LEE WAVE CLOUDS PHOTOGRAPHED FROM AN AIRCRAFT AND A
SATELLITE, APR 1964
WEATHER VIP NS MAR 1964
BY CONOVER J H

PROJ/TASK 6698

INSTRUMENT AF 19<628>01699 PROJ/TASK 5635 03

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AFCRE 64 0306
TEXAS II AUSTIN
OPERATION AND PERFORMANCE OF THE CEDAR HILL
WETEOROLOGICAL TOWER FACILITY* 31 JAN 1964
BY MITCHAM W S
INSTRUMENT AF
AFCRL 64 0280
SYLVANIA ELECTRIC PRODUCTS INC WALTHAM MASS
A STUDY OF FXTRFMELY- LOW- FREQUENCY WAVE MOTIONS, 26 FEB
1964
RY CANTOR A
FARBER J INSTRUMENT AF 19<628>00340
                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<628>02459
PROJ/TASK 7655 01
                                                                                          INSTRUMENT AF 19<628>00340
PROJ/TASK 5631 01
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WESTINGHOUSE ELECTRIC CORP PITTSRURGH PA
PARAMAGNETIC RELAXATION IN CRYSTALS, 31 OCT 1963

RY CASTLE J G JR

FELDMAN D W INSTRUMENT AF 196
AFCRL 64 0281
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
A STUDY OF AN AUTOMATION PROCEDURE FOR X-RAY
DIFFRACTOMETRY, 31 JAN 1964
                                                                                                                                                                                                                                                                                                               INSTRUMENT AF 19<628>01640
                         COLE H
                                                                                           INSTRUMENT AF 19<628>02469
PROJ/TASK 4608 04
                          CHAMBERS F
                                                                                                                                                                                                                   AFCRL 64 0308
WESTINGHOUSE ELECTRIC CORP PITTSBURGH PA
PARAMAGNETIC RELAXATION IN CRYSTALS. 14 MAY 1962
BY CASTLE J G JR
FELDMAN D W INSTRUMENT AF 19
 AFCRL 64 0283
SYSTEMS DEVELOPMENT CORP SANTA MONICA CALIF
A SURVEY OF ALCOL-LIKE AND CONTEXT FREE LANGUAGE THEORY.
6 MAR 1964
BY GINSRURG S
                                                                                                                                                                                                                                                                                                             INSTRUMENT AF 19<604>05589
PROJ/TASK 562156211
                                                                                            INSTRUMENT AF 19<628>00485
PROJ/TASK 464146410
                                                                                                                                                                                                                   AFCRE 64 0309
HARVIRD U CAMBRIDGE MASS
PHYSICS OF FERROMAGNETIC AND FERROELECTRIC MATERIALS WITH
ADDLICATIONS TO MICROWAVE AND RADIO FREQUENCY CIRCUITRY.
29 FEB 1964
BY JONES R V TRISTRIBUTED AS 19660205487
AFCRL 64 0284

OXFORD U ENGLAND
INFRARED ABSORPTION OF HYDROGEN AND DEUTERIUM IONS IN
CALCIUM FLUORIDE, 30 JAN 1964
RY HAYES W
JONES G D
FLLITTIR J
SENNETT C T

OXFORD TO THE STRUMENT AF 61<052>0
PROJ/TASK 5621 04
                                                                                                                                                                                                                                                                                                               INSTRUMENT AF 19<604>05487
PROJ/TASK 5635 03
                                                                                            INSTRUMENT AF 61<052>00677
PROJ/TASK 5621 04
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RADIO CORP OF AMERICA RURLINGTON MASS
CUD INVESTIGATION AND ANALYSIS OF IONOSPHERIC RADIO
SIGNALS- 18 MAR 1964. SECRET
RY RUBINOVITZ J
 AFCRL 64 C285
HUGHES AIRCRAFT CO FULLERTON CALIF
PRELIMINARY DESIGNS TUDY OF A FLAT PLATE REFLECTOR AND
SUPPORT UNIT, 14 FEB 1964
BY MARGOLISS D
ATARIS M INSTRUMENT AF 19<628>02
CROSS R
SCHAFFER D
POSS E
                                                                                                                                                                                                                                                                                                               INSTRUMENT AF 19<628>02465
PROJ/TASK 4649 01
                                                                                           INSTRUMENT AF 19<628>02994
                                                                                                                                                                                                                   AFCRE 64 0312
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
EQUIPMENT AND TECHNIQUES FOR LOW TEMPERATURE ELECTRON
IRRADIATIONS. APR 1964
REV SCI INSTR V34 N12 PP1348-1350 DEC 1963
RY LOWE LE
                           ROSS F
  AFORE 64 0287

NEW YORK ID NEW YORK

PARALLEL CHANNEL MULTILOOP FEEDBACK AMPLIFIERS, NOV 1963

BY GOLEMBESKI J
                                                                                             INSTRUMENT AF 19<628>00379
PROJ/TASK 5628 06
                                                                                                                                                                                                                                                                                                               PROJ/TASK 5620 02
                                                                                                                                                                                                                    AFCRE 64 0313

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
LUMAR THERMAL EMISSION MEASUREMENTS AND RELATED ANTENNA.
APR 1964
1EEF INTERN CONV RECORD PTI 1963
BY CASTELLI J P
PROJ/TASK 5629 02
  AFCRL 64 0288

NEW YORK U NEW YORK
ON THE DOMINANT POLES OF THE DISTRIBUTED RC NETWORKS

MAR 1964
               RY KFLLY J J
GHAUST M S
                                                                                             INSTRUMENT AF 19<628>00379
PROJ/TASK 5628 06
                                                                                                                                                                                                                    AFCRE 64 0314

AF DAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAR L G HANSCOM FIELD MASS
CONTINUOUS ZONE- REFINING APPARATUS. APR 1964
REV SCI INSTR V35 N1 PP25-28 JAN 1964
RY KENNEDY J K
PROJ/TASK 567
   AFCRL 64 0290
          TILLINGIS U URBANA
THE GENERALIZED SCATTERING MATRIX ANALYSIS OF WAVE GUIDE
DISCONTINUITY PROBLEMS. APR 1964
BY PACE J.R.
                                                                                          INSTRUMENT AF 19<628>03819
PROJ/TASK 5635 02
                                                                                                                                                                                                                                                                                                               PROJ/TASK 5620
  AFCRL 64 0291

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS

MICROWAVE PHYSICS LAB L G HAMSCOM FIELD MASS

A MONOPOLE DBIVEN PHASES ARRAY FEED FOR SPHERICAL

REFLECTORS, APR 1964

BY MAUROIDES W G

DORR L S

PROJ/TASK 4600
                                                                                                                                                                                                                     AFCRL 64 0315
AF OAR AIR FORCE CAMBRIDGE RESFARCH LABS
MICROWAYE PHYSICS LAB L G HANSCOM FIELD MASS
RADIATION FORCES IN INHOMOGENEOUS MEDIA, APR 1964
PHYS REV V133 N3A PPA686-A691 FEB 1964
BY POST F.J.
                                                                                             PROJ/TASK 4600 02
                                                                                                                                                                                                                     AFCRE 64 0316
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
PROGRESSIVE FAILURE PREDICTION, APR 1964
IEFE INTERN CONV RECORD PT6 1963
BY BISHOP W
   AFCRL 64 0296
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
AN APPLICATION OF MODIFIED GEOMETRICAL OPTICS METHOD
BISTATIC RADAR CROSS SECTIONS OF DIELECTRIC BODIES.
15 NOV 1963
RY KAWANO T DDC NUMBER 439378
PETERS L JR PROLITAKE 5 1966457
                                                                                              DDC NUMBER 439378
INSTRUMENT AF 19<604>07270
PROJ/TASK 5633 06
                                                                                                                                                                                                                                                                                                                 PROJ/TASK 4608 05
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AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPDER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
THE ANTIDODAL IMAGE OF AN ELECTROMAGNETIC SOURCE, APR 1964
PROC IFEE V52 N2 FER 1964
RY TOMAN K
   AFCRL 64 0302
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP
           SAN FERNANDO CALIF
RESEARCH ON THE DETECTION OF INFRARED EMISSION FROM
SATELLITE VEHICLES, FEB 1964
BY HALL F F JR
                                                                                                                                                                                                                                                                                                                 PROJ/TASK 4603 02
                                                                                              INSTRUMENT AF 19<604>04971
PRCJ/TASK 767076705
                                                                                                                                                                                                                      AFCRE 64 0318
MICHIGAN STATE U FAST LANSING
A SIMPLIFIED MODEL FOR THE FORMATION, MOVEMENT AND
DISSIPATION OF FAIR WEATHER CUMULUS CLOUDS, 29 MAY 1964
   AFCRE 64 0303
LIGHTCLIMATIC ORSERVATORY AROSA SWITZERLAND
VERTICAL OZONE DISTRIBUTION OVER AROSA. AUGUST 1962 TO
JULY 1963. JAN 1964
BY DUTSCH H !!
                                                                                                                                                                                                                                                                                                                  INSTRUMENT AF 19<628>00355
PROJ/TASK 8624 02
                                                                                              INSTRUMENT AF-EOAR -0115-62
PROJ/TASK 860486045
                                                                                                                                                                                                                       AFCRL 64 0319
                                                                                                                                                                                                                              CRL 64 0319
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
ON THE ACCURACY OF THE GEOTH HEIGHTS AND DEFLECTIONS OF
14F VERTICAL, MAR 1964
BY GROTEN F
MORITZ H
INSTRUMENT AF 19<628>02
    AFCRL 64 0304

KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN

AN INVESTIGATION OF THE NATURAL FLECTROMAGNETIC

RADIATIONS RETWEEN 10 C/S AND 10 KC/S. 20 FEB 1964

RY FRELAND A

GUSTAFSCON G

OLSTAFSCON G

RARRON W

KATZ A
                                                                                                                                                                                                                                                                                                                  INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02
                                                                                                                                                                                                                      AFCRL 64 0320
OHIO STATE U RESFARCH FOUNDATION COLUMBUS
DEFLECTIONS OF THE VERTICAL CAUSED BY TOPOGRAPHIC MASSES
IN THE NEAREST NEIGHBORHOOD OF THE POINT. MAR 1964
BY VAN HEES G L S
INSTRUMENT AF 19<628>027
                                                                                            INSTRUMENT AF 61<052>00678
PROJ/TASK 4643 02
                                                                                                                                                                                                                                                                                                                   INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02
     AFCRL 64 C305

NEW YORK U NEW YORK
ON THE PROPERTIES OF COMBINATIONS OF PARAMETRIC FLEMENTS.
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INSTRUMENT AF 19<628>00379 PROJ/TASK 5628 06

MAR 1964 Y KLAPPER J GHAUSI M S

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AFCRL 64 0362
ST JCSFPH COLL WEST HARTFORD CONN
PHOTOELECTRIC FFFECTS AT SEMICONDUCTOR ELECTRODES. JUN
AFCRL 64 0321
PHILCO CORP LANSDALE PA
HICROMINIATURE PROGRAMMABLE LOGIC FLEMENTS. APR 1964
BY IDZIK S A
HISEBICZ L M INSTRUMENT AF 196628:
                                                                                                                                                                                                                          1964
MARKHAM M C
                                                                                       INSTRUMENT AF 19<628>00260
                                                                                                                                                                                                                                                                                                 INSTRUMENT AF 19<628>02768
PROJ/TASK 6694 02
AFCRE 64 0323
AF OFF AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIFLD MASS
VISUAL DATA TRANSMISSION. APR 1964
RV MASSA R J
PROJ/TASS 4610 07
                                                                                                                                                                                                         AFCRL 64 0368
WALES U COLL ABERYSTWYTH
INFRARED. ULTRASONIC AND THEORETICAL STUDIES OF MOLECULAR
STRUCTURE. 1 MAR 1963
BY ORVILLE-THOMAS W J
                                                                                                                                                                                                                                                                                                  INSTRUMENT AF 61<052>00691
PROJ/TASK 8603 03
AFCRL 64 0325
UTAH STATE U LOGAN
CUD OPTICAL EMISSIONS FROM MISSILE FLOW FIELDS. 1 JAN 1964
SFCRFT
BY BAKER D J
                                                                                                                                                                                                         AFCRL 64 0369

QUEFNS U BELFAST NORTHERN IRFLAND
CMEMICAL REACTIONS CONTRIBUTING TO THE NIGHTGLOW
BY BATES D R

INSTRUMENT AF-E04
                                                                                       INSTRUMENT AF 19<628>03241
PROJ/TASK 8662
                        LAMBERT R H
TURNER V D
RESLOW F C
CONDRON T P
                                                                                                                                                                                                                                                                                                 INSTRUMENT AF-EOAR -0085-63
PROJ/TASK 7635 07
                                                                                                                                                                                                         AFCRL 64 0370
QUEENS U BELFAST NORTHERN IRFLAND
OBSERVATIONS OF THE 8300 ANGSTROM OI EMISSION OF THE
NIGHTGLOW WITH A PRESSURF SCANNING FABRY- PEROT
INTERFEROMFTFR
BY JARRETT A H
HOEY M J INSTRUMENT AF-EOAR -0
PAFFRATH L PROJ/TASK 7635 07
AFCRL 64 0334
NORWEGIAN METFOROLOGICAL INST OSLO NORWAY
STATISTICAL-DYNAMICAL METFOROLOGICAL PREDICTIONS.
20 JAN 1964
BY FJORTOFT R
NORDO J INSTRUMENT AF 61C/
PROJ/TASK 6020
                                                                                                                                                                                                                                                                                                  INSTRUMENT AF-EOAR -0085-63
PROJ/TASK 7635 07
                                                                                        INSTRUMENT AF 61<052>00174
PROJ/TASK 6020 04
AFCRL 64 0335
OSLO U MORMAY
RESEARCHES IN THE FIELD OF SOLAR RADIO NOISE AND SUNSPOT
STRUCTURE, 10 FEB 1964
BY ROSSFLAND S
INSTRUMENT AF 61<052>0018
                                                                                                                                                                                                          AFCRL 64 0374
TRG INC FAST BOSTON MASS
INVESTIGATION OF APPLIED PROBLEMS IN ELECTROMAGNETIC
RADIATION, 2 APR 1964
BY KAY A F
                                                                                                                                                                                                                                                                                                  INSTRUMENT AF 19<604>08057
PROJ/TASK 4600 02
                                                                                       INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04
AFCRL 64 0336
PASTORIZA ASSOC INC BOSTON MASS
A SPECTRUM ANALYZER USING DIGITAL STORAGE, DEC 1963
BY MILLER H F
FREEMAN D C INSTRUMENT AF 19<628
PROJ/TASK 6691 02
                                                                                                                                                                                                          AFCRL 64 0375
SYSTEMS DEVELOPMENT CORP SANTA MONICA CALIF
MAPPINGS OF LANGUAGES BY TWO- TAPE DEVICES, 20 APR 1964
BY GINSBURG S
                                                                                                                                                                                                                                                                                                 INSTRUMENT AF 19<628>00485
PROJ/TASK 464146410
                                                                                       INSTRUMENT AF 19<628>00467
PROJ/TASK 4691 02
AFCRL 64 0340
COLORADO U BOULDER
THE ABSOLUTE QUANTUM EFFICIENCY OF SODIUM SA-OCYLATE
EXCITED BY EXTREME ULTRAVIOLET LIGHT, APR 1964
BY BRUNER E C JR
INSTRUMENT AF 19<628:
                                                                                                                                                                                                          AFCRL 64 0382
CHICAGO U ILL
RESEARCH OF HYDRODYNAMIC ANALOGUES OF LARGE- SCALF
MFTEOROLOGICAL PHENOMENA. APR 1964
BY FULTZ D
KAYLOR R
INSTRUMENT AF 1966
                                                                                      INSTRUMENT AF 19<628>00287
PROJ/TASK 8627 03
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PROJ/TASK 862886280
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AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
CHARGE TRANSFER STUDIES WITH A TIME- OF- FLIGHT MASS
SPECTROMETER, II. KINETIC ANALYSIS, INCLUDING
ATTENUATION OF BOTH NEUTRALS AND IOMS SCATTERING, MAY
AFCRL 64 0346
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
SUMRISE EFFECTS ON FAST— WEST IONOSPHERIC PROPAGATION
PATHS, MAY 1964
BY CONLEY T D
RLOOD D
PROJ/TASK 4649 02
                                                                                                                                                                                                                           1964
                                                                                                                                                                                                                                  HUNT W W JR
                                                                                       PROJ/TASK 4649 02
                                                                                                                                                                                                                                                                                                 PROJ/TASK 8605 07
AFCRL 64 0347
TRG INC EAST BOSTON MASS
THE SCALAR FEFD. 30 MAR 1964
BY KAY A F
                                                                                                                                                                                                          AFCRL 64 0384
NEW YORK U NEW YORK
MASIC MATHEMATICAL INVESTIGATIONS IN ELECTROMAGNETIC
WAVE THEORY, 1 APR 1959 TO 31 MAR 1964
INSTRUMENT AF 19<604>05238
PROJ/TASK 5635 02
                                                                                        INSTRUMENT AF 19<604>08057
 AFCRL 64 0348

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS

UPPER ATMOSPHERE PHYSICS LAR L G HANSCOM FIELD MASS

ABSORPTION COFFFICIENTS OF OXYGEN IN THE 10-60-380

ANGSTROMS WAVE LENGTH REGION. MAY 1964

J CHEM PHYS VAO NZ PP356-365 JAN 1964

BY HUFFMAN R
                                                                                                                                                                                                          AFCRL 64 0385
STAMFORD RESEARCH INST MENLO PARK CALIF
VARIATIONS OF SATELLITE DAYTIME DATA WITH VIEWING
GFOMETRY
BY VIEZEF W
MANCUSO R L
DAVIS P A
PROJ/TASK 6698
                                                                                                                                                                                                                                                                                                  INSTRUMENT AF 19<628>02777
PROJ/TASK 6698 03
                                                                                        PROJ/TASK 8627 01
 AFCRL 64 0350
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HAMSCOM FIELD MASS
600 ANGSTROM BAND OF HELIUM, MAY 1964
J CHEM PHYS V39 N11 PP3081-3087 DEC 1963
BY TANAKA Y
                                                                                                                                                                                                           AFCRL 64 0387
NEW YORK U NEW YORK
ASYMPTOTIC METHODS FOR THE SOLUTION OF DISPERSIVE
HYPERBOLIC EQUATIONS, APR 1964
BY LEWIS R
                                                                                                                                                                                                                                                                                                 INSTRUMENT AF 19<628>03868
PROJ/TASK 5635 03
                                                                                         PROJ/TASK 8627 01
                                                                                                                                                                                                          AFCRL 64 0388
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
SOME MONLINEAR PROBLEMS IN PARTIALLY IONIZED GASES, JUN
1964
BY DUFORT F C
AFCRL 64 0352
TFCHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAFL
RESEARCH ON FLFCTROMAGNETIC NOISF AT EXTREMELY LOW
FREQUENCIESS AUG 1960 TO MAY 1963
BY ROBINSON N
GALIL U
INSTRUMENT AF 61<052>005
PROJ/TASK 563156311
                                                                                                                                                                                                                                                                                                   INSTRUMENT AF 19<604>06195
PROJ/TASK 4642 02
                                                                                        INSTRUMENT AF 61<052>00555
PROJ/TASK 563156311
                                                                                                                                                                                                          AFCRL 64 0389
QUANTUM INC WALLINGFORD CONN
ORGANIC SEMICONDUCTOR DEVELOPMENT, 21 APR 1964
RY LAFLAMMF P M DDC NUMBER 601802
TAYLOR R L INSTRUMENT AF 19<628>02839
PROJ/TASK 8659 03
 AFCRL 64 0354

ROME II ITALY
PROPAGATION OF FLECTROMAGNETIC WAYES IN RECTANGULAR
GUIDES LOADED WITH MAGNETIZED FERRITE, 11 MAR 1964
BY BARZILAI G
GEROSA G
INSTRUMENT AF 61<0522
                                                                                       INSTRUMENT AF 61<052>00101
PROJ/TASK 5633 02
                                                                                                                                                                                                          AFCRL 64 0390
HP ASSOC PALO ALTO CALIF
INVESTIGATION OF HOT ELECTRON EMITTER. 1 JAN TO 31 MAR 1964
BY SOSHEA R W
LUCAS R C
RFID D A PROJ/TASK 4608
DOWLER V M
HARMON R C
 AFCRL 64 0356
MICHIGAN U ANN ARBOR MICH
THE MINIMIZATION OF THE RADAR CROSS SECTION OF A CYLINDER
BY CENTRAL LOADING. APR 1964
BY KUN-MU CHEN
LIFPA V V BROUTERY 5436
                                                                                                                                                                                                                                                                                                 INSTRUMENT AF 19<628>01637
PROJ/TASK 4608 05
                                                                                  INSTRUMENT AF 19<628>02374
PROJ/TASK 5635 02
                                                                                                                                                                                                          AFCRE 64 0391
BASEL U SWITZERLAND
AMALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
MAR 1964
BY MIESCHER F
 AFCRL 64 0360
MALLORY P R AND CO INC BURLINGTON MASS
INVESTIGATION OF ULTRAHIGH VACUUM SPUTTERED THIN FILMS.
                MAY 1964
Y WOLSKY S P
                                                                                         INSTRUMENT AF 19<628>03840
PROJ/TASK 5621
                                                                                                                                                                                                                                                                                                  INSTRUMENT AF-EOAR -0109-63
PROJ/TASK 8627 02
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AFCRL 64 0393 LIEGE U BELGIUM RESEARCH ON RELATIONS BETWEEN COMETARY, SOLAR AND UPPER ATMOSPHERIC PROCESSES, 1 APR 1963 TO 31 MAR 1964, 31 SWINGS P

INSTRUMENT AF 61<052>00587 PROJ/TASK 8605 05

AFCRL 64 0394

UPPSALA U SWEDEN
COSMIC RAY INTENSITY VARIATIONS DURING 1963. 15 MAR 1964
BY SANDSTROM A E
DYRING F
ELEKTROM L
PROJ/TASK 8600 03

INSTRUMENT AF 61<052>00614 PROJ/TASK 8600 03

GRONKVIST B O LINDGREN F OSTMAN B

AFCRL 64 0395
UPPSALA U SWEDEN
SPECTRAL VARIATIONS DURING COSMIC RAY STORMS. 20 MAR 1964
BY GRONKVIST B 0

INSTRUMENT AF 61<052>00614 PROJ/TASK 8600 03

AFCRL 64 0396
HARVARD U CAMBRIDGE MASS
RESEARCH DIRECTED TOWARD THE PRODUCTION OF A MAP OF THE
VISIALE FEATURES OF MARS, APR 1964
RY MENZEL D H
YOUNG A T
ROUNG A T
ROUNG A T
ROUNT SHEES G
ROUNTASK 769886500

DEVAUCOULEURS G

INSTRUMENT AF 19<604>07461 PROJ/TASK 769886500

FINSEN W S LEIGHTON R B

AFCRL 64 0397
ST LOUIS U MO
MODEL STUDY OF EXPLOSION- GENERATED RAYLEIGH WAVES IN A
HALF SPACE, NOV 1963
BULL SEISMOL SOC AM V54 N2 PP475-484 APR 1964
RY GUPTA I M
KISSLINGER C INSTRUMENT AF 19<628>01
PROLITASK 8652 08

INSTRUMENT AF 19<628>01689 PROJ/TASK 8652 08

AFCRL 64 0403 UPPSALA U SWEDEN GEOPPYSICAL ASPECTS OF COSMIC RAYS, 27 APR 1964 BY SANDSTROM A E INSTRUMENT AF 6

INSTRUMENT AF 61<052>00614 PROJ/TASK 8600 03

AFCRE 64 0405
MASHINGTON U ST LOUIS MO
RESEARCH IN FUNDAMENTAL PROCESSES OF ELECTRON EMISSION.
30 APR 1964
BY VARNEY R N

INSTRUMENT AF 19<604>08435 PROJ/TASK 6692 01

AFCRL 64 0412
WILLIAMSON DEVELOPMENT CO INC WEST CONCORD MASS
STUDIES AND INSTRUMENTATION FOR ACCELERATING PARTICLES
IN A PLASMA, 29 MAY 1964
RY FELEY J G
RUBIN A G
RUBIN A G
NICHOLS I A PROJ/TASK 8608 04

INSTRUMENT AF 19<628>00309 PROJ/TASK 8608 04

AFCRL 64 0423

MANLABS INC CAMBRIDGE MASS

X-RAY STUDIES OF SAPPHIRE CRYSTAL PERFECTION. 21 MAY 1964

BY BERNSTEIN H

INSTRIMENT AF 196628-02466 INSTRUMENT AF 19<628>02466 PROJ/TASK 5621 01

AFCRE 64 0424

WICHIGAN U ANN ARROR MICH
THEORETICAL STUDY OF ATMOSPHERIC PRESSURE PULSE
PROPAGATION, MAR 1964
RY VANHULSTEYN D B

INSTRUMENT AF 19<628>00304 PROJ/TASK 7637 02

AFCRL 64 0426
NEW YORK U NEW YORK
A PLANE WAVE EXPANSION THEOREM FOR CYLINDRICALLY
RADIATED FIFLDS, MAY 1964
RY KARP S N
ZITRON N R
INSTRUMENT AF 19

INSTRUMENT AF 19<628>03868 PROJ/TASK 5635 03

AFCRL 64 0427
TECHNICAL OPERATIONS INC BURLINGTON MASS
INVESTIGATIONS OF OPTIMAL DESIGN FOR SUPERCOOLED CLOUD
DISPERSAL FOUIDMENT AND TECHNIQUES. FEB 1964
BY VICKERS W PROFILE REPORTS AF 196628>02

INSTRUMENT AF 19<628>01692 PROJ/TASK 6697 02

AFCPL 64 0428

MANCHESTER U FNGLAND
DEVELOPMENT OF THE LUNAR TOPOGRAPHY INTO SPHERICAL
HARMONICS, 11, FER 1984
BY GOUDAS C L

INSTRUMENT AF 61<052>00524 PROJ/TASK 7628 01

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F. Air Force Office of Scientific Research (AFOSR)

AFOSR 1206 MASSACHUSETTS MENTAL HEALTH CENTER BOSTON VALIDATION AND CROSS/VALIDATION OF A SCALE OF SELF/REPORTED PERSONAL EXPERIENCES WHICH PREDICTS HYPNOTIZABILITY	AFOSR 3116 CALIFORNIA U LOS ANGELES A MODEL REFERENCED PARAMETER TRACKING TECHNIQUE FOR ADAPTIVE CONTROL SYSTEMS, I / THE PRINCIPLE OF ADAPTATION APPL IND PPI / 12 SEP 1963
J PSYCHOL V53 PP55 / 75 1962 BY SMOR R F DDC NUMBER 438547 ORNE M T INSTRUMENT AF/ 496638600728 OCONNELL D N PROJ/TASK 9779 01	BY DONALSON D D DDC NUMBER 438554 LEONDES C T INSTRUMENT AF/ 496638600438 PROJ/TASK 9749 01
AFOSR 1770 BIOT M A NEW YORK N Y EXACT THEORY OF BUCKLING OF A THICK SLAB APPL SCI RES SECT A V12 N2 PP183/198 1963 DDC NUMBER 441479 INSTRUMENT AF/ 496638600837 PROJ/TASK 9782 01	AFOSR 3117 CATHOLIC U OF LOUVAIN BELGIUM DESIGNING FOULVALENT LINKAGES BY SUCCESSIVE ADDITIONS AND SUBTRACTIONS OF REDUNDANT BARS INGR/ARCH V32 N5 PP341 / 346 1963 BY BUCKENS F DDC NUMBER 438555 INSTRUMENT AF/EDAR /0107/6
AFOSR 1961	PROJ/TASK 9749 01
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AFOSR 1J83 SERENDIPITY ASSOC LOS ANGELES CALIF THE WIT AND HIS GROUP HUMAN RELATIONS V17 N1 PP23 / 31 1964 BY SMITH E E GOODCHILDS J D DOC NUMBER 438550 INSTRUMENT AF/ 496638601000 PROJ/TASK 9779 01	AFOSR 3227 DOCUMENTATION INC BETHESDA MD FORMAL RESULTS IN THE LOGIC OF EXISTENCE PHIL STUDIES V15 N1/2 PP7/10 JAN/FEB 64 BY JONES R L DDC NUMBER 440039 INSTRUMENT AF/ 496638601146 PROJ/TASK 9769 06
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BY CHILDS C B SLIFKIN L M INSTRUMENT AF/ 496638600865	

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THE LANGMUIR PROBE IN A COLLISIONLESS PLASMA
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BY LAM S H
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REPORT, DEC 1963
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INSTRUMENT AF/AFOSR /0156/63
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BY VAN DRIEST E R
DOC NUMBER 437283
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AN AMALYSIS OF AN APPROXIMATE SEQUENTIAL PROCEDURE FOR
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BY WALTERS D A
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INSTRUMENT AF/ 4964384011
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AN EMPERIMENTAL INVESTIGATION OF TURBULENCE/EXCITED PANEL
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BY ROSS B DOC NUMBER 424060
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JAWORSKI A PROJ/TASK 9782 01
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SOPT X/RAYS USED TO DETECT LIGHT ELEMENTS LOW/EMERGY
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INCOMPRESSIBLE. TURNULENT FREE SHEAR LAYER WITH ARBITRARY
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INSTRUMENT AF/AFOSR /0136/63
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INSTRUMENT AF/ 496638600021
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     AFOSR 64/0101
AF OAR AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
DIRECTORATE OF INFORMATION SCIENCES WASHINGTON D C
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BY WOOSTER H DDC NUMBER 600110
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INSTRUMENT AF/ 496638601216
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ARMY RESEARCH OFFICE DURHAM N C
AN ALGORITHM FOR THE SYNTHESIS OF LARGE SEQUENTIAL
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BY SCHMITT H J AFOSR 64/0603
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BY KAFKA R W AFOSR 64/0623
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MASSACHUSETIS INST OF TECH CAMBRIDGE
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ARMY RESEARCH OFFICE DURHAM N C
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BY SESMANRI S R
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CHICAGO II TII	FREE COUNTY AND SOLAR	RESONANT TRANSFER AND THE MEASU	
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PONT ACAD SCI SCRIPTA VARIA V25 BY SIMPSON J A	DDC NUMBER 435937	BY TEMMER G M	DDC NUMBER 435930 INSTRUMENT AF/AFOSR /0440/63
	INSTRUMENT AF/AFOSR /0023/62 PROJ/TASK 9751 04		PROJ/TASK 9751 02
AFOSR 64/0633 INST FOR ADVANCED STUDY PRINCETON		AFOSR 64/0649 PRINCETON U N J	
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BY THOMPSON C J	DUC NUMBER 433433	DIRECTORATE OF INFORMATION SCIE GOVERNMENT SERVICES FOR TECHN	ICAL INFORMATION
BLATT J M	INSTRUMENT AF/AFOSR /0400/62 PROJ/TASK 9751 01	J CHEM DOC V3 PP216 / 217 196	DDC NUMBER 432579
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BY ALMENNINGEN A
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BY GOLDFARB T D DOC NUMBER 436503
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BY DULMAGE A L DDC NUMBER 436365

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BY SMITH G G
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BY NARENDRA K S
GOLDWYN R M
DDC NUMBER 433982
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BY DUCUING DOC NUMBER 434890
BLOEMBERGEN N INSTRUMENT NONR /18666166 DDC NUMBER 436285 INSTRUMENT AF/ 496638600754 PROJ/TASK 9749 02 PROJ/TASK 4751 AFOSR 64/0693
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JELSMA L F
DDC NUMBER 436501
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BY SPRAGINS J D JR
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BY SELYE H
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NEUROLOGICAL MODELS AND INTEGRATIVE PROCESSES
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BY EMBER G

GABBIANI G

DOC NUMBER 436517

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PROJ/TASK 9769 02 /2256486 INSTRUMENT NONR PROJ/TASK 4751 AFOSR 64/0700 ARMY RESEARCH OFFICE DURHAM N C OPTIMUM NOISE PERFORMANCE OF MULTITERMINAL AMPLIFIERS BY RUMMLER W D INSTRUMENT DA /36/039/AMC/03200 PROJ/TASK 4751 AFOSR 63/0684 FORD.IAM U NEW YORK N Y HETEROPOLAR OZOMIZATION OF AZA/AROMATICS AND THEIR N/OXIDES MRDIAM UNIVERSITY OF AZA/ANUMAN HETEROPOLAR OZONIZATION OZONIZATIO AFOSR 64/0701
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MARTIN MARIETTA CORP RIAS INC BALTIMORE MD

DYNAMICAL POLYSYSTEMS AND OPTIMIZATION

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BY BUSHAW D

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ARMY RESEARCH OFFICE DURHAM N C
NONLINEAR OSCILLATIONS IN A SECOND ORDER SYSTEM
BY PONZO P J
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JOHNS HOPKINS U BALTIMORE MD
CONCEPT OF FIELD MODES IN FLUID MECHANICS
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BY EASLEY J A JR
GFLDER H M INSTRUMENT DA /36/039/A
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BY BERGEN A R
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ON A TIME/DEPENDENT MOTION OF A ROTATING FLUID
J FLUID MECH V17 PT3 PP385 / 404 1963
BY GREENSPAN H P
HOMARD L N

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BY FLUGGE/LOTZ I
CRAIG A
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BY GERGEM J DOC NUMBER 436515
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PROC NAT ACAD SCI US V50 N5 PP942 / 946 NOV 1963
BY MALE J K

DDC NUMBER 436514
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MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
LINEAR FUNCTIONAL/DIFFERENTIAL EQUATIONS WITH CONSTANT
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DDC NUMBER 956508
INSTRUMENT AF/ 496638600382
PROJ/TASK 9749 01 AFOSR 64/0793
KAROLINSKA INST STOCKMOLM SWEDEN
BRAIN STEM MECHANISMS REGULATING AUTONOMIC ACTIVITIES.
FINAL REPORT. FEB 1964
BY SODERBERG U DDC NUMBER 438640 DDC NUMBER 438640 INSTRUMENT AF/ 616052600119 PROJ/TASK 9777 01

OSR 04/0794 BRUSSES FREF U RFLGIUM EXTRA/RETICULAR FEEDBACK COMMECTIONS OF MAMMAL AND BIRD. FINAL REPORT. JA BY DESMEDT J E INST	TT, JAN 1964 DDC NUMBER 436495 INSTRUMENT AF/EOAR /0046/63		AFOSR 64/0790 CHICAGO U ILL EFFECT OF HIGH PRESSURE ON DIFFUSION SOLIDS UNDER PRESSURE MCGRAW/HILL MY PP43 / 69 1963 BY LAZARUS D DOC MUMBER 436497		
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I MST PRO.	MEXICO CITY MEXICO PORT, MAR 1964 MUNUMER 949525 RUMERT AF/AFOSR /0364/62 J/TASK 9777 01	HIGH PHY:	DIS U URBANA M/TEMPERATURE DIFLECTRIC CONS S REV VISS NG PP2445 / 2449 I SASTRY P V SRINIVASAN T M	START OF POTASSIUM CHLORIDE 15 DEC 63 DC MUNBER 636492 INSTRUMERY 47/ 496638600529 PROJ/TASK 9763 02	
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A MODEL INFORMATION RETRIEVAL NETWORK FOR GOVERNMENT.

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BY JONKER F

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DDC NUMBER 439988
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A CRITERION FOR QUANTIZATION OF PLANAR CONTOURS
DDC NUMBER 600310
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FUNCTIONAL PROPERTIES OF NEURONS IN THE LATERAL CERVICAL

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BY OSWALDO/CRUZ E

KIDD C

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FUNCTIONAL PROPERTIES OF NEURONS OF THE ANTERIOR

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	AFOSR 5362 AFOSR 64/0594	DENVER U COLORADO SEMINARY COLO	AFCRL 64 0084 AFCRL 64 0165
	AFOSR 64/0595 AFOSR 64/0596	DOCUMENTATION INC BETHESDA MD	AFOSR 3227
CALIFORNIA U BERKFLFY	AFOSR 64/0726	DUKE U DURHAM N C	AFOSR 64/0730
	AFOSR 64/0769 AFOSR 64/0770		AFOSR 3141
	AFOSR 64/0894 AFOSR 64/0900	DYNATECH CORP CAMBRIDGE MASS	AFOSR 64/0918
	AFOSR 64/0969 AFOSR 64/1042	EDGERTON GERMESHAUSEN AND GRIER INC BOSTON MASS	AFCRL 64 0125
	AFOSR 64/1043 AFOSR 64/1044	EDINBURGH U SCOTLAND	AFOSR 64/0965
	AFOSR 64/1125 AFOSR 64/1126	ELECTROMAGNETIC RESEARCH CORP COLLEGE PARK NO	AFCRL 63 0862 AFCRL 64 0128
	AFOSR 64/1127	ERLANGEN U WEST GERMANY	AFOSR 64/0870
	AFOSR 64/1120 AFOSR 64/1129	ENLANGEN U WEST GERMANT	AFOSR 64/0677
	AFCRL 64 0095 AFOSR 64/0617	EWEN-KNIGHT CORP EAST NATICK MASS	AFCRL 64 0141
	AFOSR 64/0653 AFOSR 64/0605	FLORIDA STATE U TALLAHASSEE	AFOSR 64/0788
CALIFORNIA U LA JOLLA	AFOSR 64/0740		AFOSR 64/0789 AFOSR 64/1084
CALLY CAMERO C. C. SOCCA	AFOSR 64/0749 AFOSR 64/0754		AFOSR 64/0637 AFOSR 64/0648
CALIFORNIA U LOS ANGELES	AFOSR 64/0972		AFOSR 64/0655
CALIFORNIA U LOS AMBELES	AFOSR 64/1002 AFOSR 64/1107	FLORIDA U GAIMESVILLE	AFCRL 64 0003 AFCRL 64 0121
	AFOSR 3116 AFOSR 64/0651	FORMINAM U NEW YORK N Y	AFOSR 64/0684
		FRANKLIN INST PHILADFLPHIA PA	AFCRL 64 0041
CALIFORNIA U RIVERSIDE	AFOSR 44/0975	PRANKLIN INST PHILADELPHIA PA	AFCRL 64 0042 AFCRL 64 0043
CALIFORNIA U SANTA BARBARA	AFOSR 64/0711 AFOSR 64/0712		AFCRL 64 0062
	AFOSR 64/0724	GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIEGO CALIF	AFCRL 64 0240
CAMBRIDGE LANGUAGE RESEARCH UNIT ENGLAND	AFOSR 64/1036	GENERAL DYNAMICS CORP CONVAIR DIV SAN DIEGO CALIF	AFOSR 64/0823
CAMBRIDGE SYSTEMS INC NEWTON MASS	AFCRL 63 0595	GENERAL DYNAMICS CORP ELECTRONICS ROCHESTER N Y	AFOSR 64/0825
CAMBRIDGE U ENGLAND	AFOSR 64/0736 AFOSR 64/0832	GENERAL DYNAMICS CORP GENERAL ATOMICS DIV SAN DIEGO CALIF	AFOSR 5439
	AFOSR 64/0963 AFOSR 64/0964	GENERAL DYNAMICS CORP POMONA POMONA CALIF	AFCRL 64 0059
	AFOSR 64/0706		AFCRL 64 0142
	AFOSR 64/1019 AFOSR 64/0638	GENERAL ELECTRIC CO KING OF PRUSSIA PA	
	AFOSR 64/0658 AFOSR 64/0659 AFOSR 64/0660	GENERAL ELECTRIC CO SCHENECTADY N Y	AFOSR 64/0775 AFOSR 64/0777
	AFOSR 64/0660	GENERAL ELECTRIC CO SYRACUSE N Y	AFCRL 64 0254
CARPEGIE INST OF TECH PITTSBURGH PA	AFOSR 64/0796	GENERAL ELECTRIC CO UTICA NY	AFCRL 64 0036
CASE INST OF TECH CLEVELAND ONTO	ARL 64 0101	GENERAL MILLS INC ST PAUL MINN	AFCRL 63 0951
	AFCRL 64 0279	OCHERNE RILLS INC SI PROL RIM	

GENERAL TELEPHONE AND ELECTRONICS LABS INC BAYSIDE N Y	AFCRL 64 0113	KAMAN AIRCRAFT CORP COLORADO SPRINGS COLO	AFCRL 64 0044
GENEVA U SWITZERLAND	ARL 64 0162	KANSAS STATE U MANHATTAN	AFCRL 64 0278
GENOA U ITALY	AFOSR 64/0952	KAROLINSKA INST STOCKHOLM SWEDEN	AFOSR 64/0733
GEORGETOWN U WASHINGTON D C	AFOSR 64/1045		AFOSR 64/0841 AFOSR 64/0962
GEORGIA INST OF TECH ATLANTA	AFCRL 64 0187		AFOSR 64/0985 AFOSR 64/1066
GOTERORG U SWEDEN	AFOSR 64/0737		AFOSR 64/1067 AFOSR 64/1068
SOLEHONO D. SHEDIN	AFOSR 64/1062		AFOSR 64/1069
GUSTAVUS ADOLPHUS COLL ST PETER MINN	AFOSR 64/0837	KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN	AFCRL 64 0245 AFCRL 64 0266
HARVARD U CAMBRIDGE MASS	AFOSR 64/0690		AFCRL 64 0267 AFCRL 64 0268
	AFOSR 64/0691 AFOSR 64/0692		AFCRL 64 0304
	AFOSR 64/0693 AFOSR 64/1110	LAB DE PHYSIQUE PARIS FRANCE	AFCRL 64 0077
	AFCRL 63 0569 AFCRL 64 0037	LAB FOR ELECTRONICS INC BOSTON MASS	AFCRL 64 0020
	AFCRL 64 0093 AFCRL 64 0101	LA PLATA NATIONAL U ARGENTINA	AFOSR 64/0785
	AFCRL 64 0119 AFCRL 64 0199		AFOSR 64/0786
	AFCRL 64 0275 AFCRL 64 0309	LEXINGTON LABS INC CAMBRIDGE MASS	AFCRL 64 0057
	AFCRL 64 0396 AFOSR 64/0605	LIEGE U BELGIUM	AFCRL 63 0888 AFCRL 64 0088
	AFOSR 64/0606 AFOSR 64/0619		AFCRL 64 0089 AFCRL 64 0393
	AFOSR 64/0620 AFOSR 64/0689		AFOSR 4866
HEBREW U JERUSALEM ISRAEL	AFOSR 64/0755	LIGHTCLIMATIC OBSERVATORY AROSA SWITZERLAND	AFCRL 64 0303
	AFOSR 64/0756 AFOSR 64/0882	LION K S CONSULTING FNGINEERS CAMBRIDGE MASS	AFCRL 64 0133
	AFCRL 63 0918 AFOSR 2167	LOCKHEED AIRCRAFT CORP PALO ALTO CALIF	AFCRL 64 0204
	AFOSR 4690	LONDON U ENGLAND	AFOSR 64/1086
HP ASSOC PALO ALTO CALIF	AFCRL 64 0134	LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND	AFOSR 64/0787
WIGHES ATBODAST SO SHIPED STEW SALES	AFCRL 64 0390		AFOSR 64/0865 AFOSR 64/1006
HUGHES AIRCRAFT CO CULVER CITY CALIF	AFCRL 64 0213 AFCRL 64 0214		AFCRL 64 0249
HUGHES AIRCRAFT CO FULLERTON CALIF	AFCRL 64 0285	LONDON U QUEEN MARY COLL ENGLAND	AFCRL 64 0075
ILLINOIS INST OF TECH RESEARCH INST CHICAGO	AFOSR 64/0960	LORAL ELECTRONICS CORP NEW YORK N Y	AFCRL 64 0069
	AFOSR 64/0987	LUND U SWEDEN	AFOSR 64/0640
ILLINOIS U URBANA	AFOSR 64/0738 AFOSR 64/0751	MALLORY P R AND CO INC BURLINGTON MASS	AFCRL 64 0360
	AFOSR 64/0752 AFOSR 64/0815	MANYHESTER U ENGLAND	AFCRL 63 0948
	AFOSR 64/0816 AFOSR 64/0817		AFCRL 63 0949 AFCRL 64 0428
	AFCRL 64 0067 AFCRL 64 0290	MANITOBA U WINNIPEG CANADA	AFOSR 64/0671
INST FOR ADVANCED STUDY PRINCETON N J	AFOSR 64/0778		AFOSR 64/0672
	AFOSR 64/0779 AFOSR 64/0780	MANLABS INC CAMBRIDGE MASS	AFCRL 64 0423
	AFOSR 64/0781 AFOSR 64/0782	MARTIN MARIETTA CORP RIAS INC RALTIMORE MD	AFOSR 64/0716 AFOSR 64/0717
	AFOSR 64/0783 AFOSR 64/0798		AFOSR 64/0732 AFOSR 64/0739
	AFOSR 64/0799 AFOSR 64/0800		AFOSR 64/0740 AFOSR 64/0973
	AFOSR 64/0631 AFOSR 64/0633		AFOSR 64/0974
	AFOSR 64/0634 AFOSR 64/0635	MARYLAND U COLLEGE PARK	ARL 64 0087 AFOSR 3489
INST FOR SCIENTIFIC INFORMATION PHILADELPHIA PA			AFOSR 4666
	AFOSR 64/0682	MASSACHUSETTS INST OF TECH CAMBRIDGE	AFOSR 64/0696
INTERNATIONAL BUSINESS MACHINES CORP CAMBRIDGE MASS	AFCRL 64 0273		AFOSR 64/0713 AFOSR 64/0718
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y	AFCRL 64 0063 AFCRL 64 0087		AFOSR 64/0728 AFOSR 64/0916
	AFCRL 64 0198 AFCRL 64 0281		AFCRL 64 0117 AFCRL 64 0167
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP	AFCRL 64 0302		AFCRL 64 0241 AFOSR 3966
SAN FERNANDO CALIF	AFCRL 64 0302		AFOSR 4963 AFOSR 5327
IONOSPHAEREN INST BREISACH WEST GERMANY	AFCRL 64 0076 AFCRL 64 0247		AFOSR 64/0629
	AFCRL 64 0270	MASSACHUSETTS MENTAL HEALTH CENTER BOSTON	AFOSR 64/0826 AFOSR 64/0828
ISTITUTO NAZIONALE DI OTTICA FLORENCE ITALY	AFOSR 64/1059 AFOSR 64/1060		AFOSR 64/0829 AFOSR 64/0830
	AFOSR 64/1061		AFOSR 64/0831 AFOSR 1206
ITEK CORP LEXINGTON MASS	AFCRL 64 0271		AFOSR 2078 AFOSR 2079
ITEK CORP VIDYA INC PALO ALTO CALIF	ARL 64 0080	MAUDSLEY HOSPITAL LONDON ENGLAND	AFOSR 64/0961
JOHNS HOPKINS U BALTIMORE MD	AFOSR 64/0719 AFOSR 64/0859	MAX-PLANCK-INST FUR BIOLOGIE TURINGEN WEST GERMANY	AFOSR 64/1064
	AFOSR 64/1031	MAX-PLANCK-INST FUR CHEMIE MAINZ WEST GERMANY	AFCRL 64 0233
	AFOSR 64/1078 AFOSR 64/1079 AFOSR 64/1080		
	AFOSR 64/1081	MAX-PLANCK-INST FUR ZELLCHEMIE MUNICH WEST GERMANY MCGILL U MONTREAL P Q CANADA	AFOSR 64/1136
	AFOSR 64/1083 AFOSR 64/1087	HEGSEL U MUNIMERE P U CAMADA	AFCRL 64 0197 AFCRL 64 0272
JONT.ER BUSINESS MACHINES INC GAITHERSBURG MD	AFOSR 64/0942	MCMASTER U HAMILTON ONTARIO CANADA	AFOSR 64/0935
	AFOSR 64/0944		AFOSR 64/0936 AFOSR 64/1018

MIAMI U CORAL GABLES FLA	AFCRL 64 0277		AFCRL 64 0045 AFCRL 64 0046 AFCRL 64 0120
MICHIGAN STATE U EAST LANSING	AFCRL 64 0318		AFCRL 64 0296 AFCRL 64 0319
MICHIGAN U ANN ARBOR MICH	AFOSR 64/0971 AFCRL 64 0184		AFCRL 64 0320
	AFCRL 64 0356 AFCRL 64 0424 AFOSR 1961	OKLAHOMA STATE U RESEARCH FOUNDATION STILLWATER	AFCRL 64 0098 AFCRL 64 0195
MINNESOTA U MINNFAPOLIS	AFOSR 64/0745	OKLAHOMA U NORMAN	ARL 64 0109
	AFOSR 64/0746 AFOSR 64/0764 AFOSR 64/0810 AFOSR 64/1023	OKLAHOMA U RESEARCH FOUNDATION HORMAN	AFCRL 63 0932 AFCRL 64 0123 AFCRL 64 0124 AFCRL 64 0256
	AFOSR 3242	OREGON STATE U CORVALLIS	AFOSR 64/0932
MISSISSIPPI U UNIVERSITY	AFOSR 64/1109		AFOSR 64/0686
MISSOURI U COLUMBIA	AFOSR 3878 AFOSR 64/0676	OSLO U NORWAY	AFCRL 64 0246 AFCRL 64 0335
MITHRAS INC CAMBRIDGE MASS	AFCRL 63 0581	OWENS-ILLINOIS TECHNICAL CENTER CLEVELAND OHIO	ARL 64 0063
MONTANA STATE COLL BOZEMAN	AFCRL 64 0007		ARL 64 0082
MONTREAL U P Q CANADA	AFOSR 64/0681 AFOSR 64/0683	OXF-RD U ENGLAND	AFOSR 64/0813 AFOSR 64/0953 AFOSR 64/1070
MOTOROLA INC PHOENIX ARIZ	AFCRL 64 0188		AFOSR 64/1071 AFOSR 64/1072
MOTOROLA INC SCOTTSDALE ARIZ	AFCRL 63 0912		AFOSR 64/1073 AFOSR 64/1074
MOUNT AUBURN RESEARCH ASSOC INC CAMBRIDGE MASS	AFCRL 63 0944		AFCRL 64 0284
NAPLES U ITALY	AFOSR 64/0885	PARAMETRICS INC WALTHAM MASS	AFCRL 64 0154
NATIONAL BUREAU OF STANDARDS BOULDER COLO	AFCRL 64 0140	PARKE MATHEMATICAL LABS INC CARLISLE MASS	AFCRL 63 0515 AFCRL 64 0139
NAVY OFFICE OF NAVAL RESEARCH WASHINGTON D C	AFOSR 64/0874	PASTORIZA ASSOC INC BOSTON MASS	AFCRL 64 0336
	AFOSR 64/0875 AFOSR 64/0905	PENNSYLVANIA STATE U UNIVERSITY PARK	AFCRL 63 0734
NEBRASKA U LINCOLN	AFOSR 64/1051		AFCRL 64 0060 AFCRL 64 0211
	AFOSR 64/0680	PENNSYLVANIA U PHILADELPHIA	AFOSR 64/0760
NEW ENGLAND U ARMIDALE AUSTRALIA	AFCRL 64 0056		AFOSR 64/0948 AFOSR 64/0948
NEW MEXICO STATE U UNIVERSITY PARK	AFCRL 63 0217		AFOSR 64/0950 AFOSR 2595
NEW SOUTH WALES U AUSTRALIA	AFOSR 64/1041 AFOSR 64/0641	PHILCO CORP LANSDALE PA	AFCRL 64 0321
	AFOSR 64/0643 AFOSR 64/0644	PHYSICS-ENGINEERING-CHEMISTRY CORP BOULDER COLO	ARL 64 0085
	AFOSR 64/0645 AFOSR 64/0646	POLYTECHNIC INST OF BROOKLYN FREEPORT N Y	AFOSR 64/0742 AFOSR 64/0774
NEW YORK STATE PSYCHIATRIC INST NEW YORK	AFOSR 64/0955		AFOSR 64/0910 AFOSR 64/0912
	AFOSR 64/0956 AFOSR 64/0957		AFOSR 64/1025 AFOSR 64/1026
	AFOSR 64/0958		AFOSR 64/1032 AFOSR 64/1119
NEW YORK STATE U STONY BROOK	AFCRL 64 0191 AFOSR 64/0687		AFOSR 64/1120 AFOSR 64/1121
NEW YORK U NEW YORK	AFOSR 64/0805		ARI. 64 0064 ARL 64 0103
	AFOSR 64/0906 AFOSR 64/0940		AFCRL 63 0367
	AFOSR 64/0941 AFOSR 64/1108		AFCRL 63 0584 AFCRL 64 0039
	AFCRL 63 0369 AFCRL 63 0432		AFCRL 64 0173 AFOSR 2160
	AFCRL 63 0537 AFCRL 64 0011 AFCRL 64 0129		AFOSR 64/0566 AFOSR 64/0588
	AFCRL 64 0244 AFCRL 64 0287	POMONA COLL CLAREMONT CALIF	AFOSR 64/0808 AFOSR 64/0593
	AFCRL 64 0288 AFCRL 64 0305	PRINCETON U N J	AFOSR 64/0858
	AFCRL 64 0384 AFCRL 64 0387		AFOSR 64/1014 AFCRL 64 0079
	AFCRL 64 0426		AFOSR 64/0353 AFOSR 64/0649
NOBEL INST OF PHYSICS STOCKHOLM SWEDEN	AFOSR 64/0639	PURDUE RESEARCH FOUNDATION LAFAYETTE IND	AFOSR 64/0809
NORTH AMERICAN AVIATION INC DOWNEY CALIF	AFOSR 64/0509		AFOSR 64/0926 AFOSR 64/0927
MORTH CAROLINA U CHAPEL HILL	AFOSR 2644 AFOSR 3030		AFOSR 64/0928 AFOSR 64/0929
NORTHEASTERN U BOSTON MASS	AFCRL 64 0012 AFCRL 64 0050		AFOSR 64/0930 ARL 64 0083
NORTHROP CORP HAWTHORNE CALIF	AFOSR 64/0897	QUANTUM INC WALLINGFORD CONN	AFCRL 64 0389
NORTHROP CORP NEEDHAM HEIGHTS MASS	AFCRL 64 0170	QUEENS U BELFAST NORTHERN IRELAND	AFCRL 64 0369 AFCRL 64 0370
NORTHWESTERN U EVANSTON ILL	AFOSR 64/0970 AFOSR 64/1022	RADIO CORP OF AMERICA BURLINGTON MASS	AFCRL 64 0311
	AFOSR 64/1027	RADIO CORP OF AMERICA SARNOFF RESEARCH CENTER PRINCETON N.J.	AFCRL 63 0567 AFCRL 63 0567
NORWEGIAN METEOROLOGICAL INST OSLO NORWAY	AFCRL 64 0334		AFCRL 64 0066 AFCRL 64 0136
OHIO STATE U COLUMBUS	ARL 64 0107 AFCRL 64 0130		AFCRL 64 0189 AFOSR 5155
	AFCRL 64 0131 AFCRL 64 0132	RAYTHEON CO NORWOOD MASS	AFCRL 64 0064
OHIO STATE U RESEARCH FOUNDATION COLUMBUS	AFOSR 64/0917		AFCRL 64 0099 AFCRL 64 0116
	AFCRL 63 0942 AFCRL 63 0943	RAYTHEON CO WALTHAM MASS	AFCRL 63 0751

	AFCRL 63 0866		AFCRL 64 0427
ROCHESTER U N Y	AFOSR 64/0814 AFOSR 64/0919 AFOSR 64/1021 AFOSR 64/1030 AFOSR 64/1053 AFOSR 64/0598 AFOSR 64/0674	TECHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAEL	AFOSR 64/1028 ARL 64 0067 ARL 64 0093 ARL 64 0094 AFCRL 64 0143 AFCRL 64 0352 AFOSR 64/0591 AFOSR 64/0652
ROCKFORD RESEARCH INST CAMBRIDGE MASS	AFOSR 64/0946	TECHNISCHE HOCHSCHULF HANNOVER WEST GERMANY	AFCRL 63 0577
ROME U ITALY	AFOSR 64/1089 AFCRL 64 0354		AFOSR 64/0592
ROYAL COLL OF SCIENCE AND TECH GLASGOW SCOTLAND	AFOSR 64/0720	TECHNISCHE HOCHSCHULF MUNICH WEST GERMANY	AFCRL 64 0081
	AFOSR 64/0725	TENNESSEE U KNOXVILLE	AFCRL 64 0005
ROYAL INST OF TECH STOCKHOLM SWEDEN	AFOSR 64/1049 AFCRL 64 0263	TEXAS INSTRUMENTS INC DALLAS	AFOSR 64/0877 AFCRL 64 0033
SASKATCHEWAN U SASKATOON CANADA	AFCRL 63 0833	TEXAS TECHNOLOGICAL COLL LUBBOCK	AFOSR 64/0933
SELENIA S P A ROME ITALY	AFCRL 64 0219	TEXAS U AUSTIN	AFOSR 64/0968 AFCRL 63 0921
SERENDIPITY ASSOC LOS ANGELES CALIF	AFOSR 1983 AFOSR 64/0190		AFCRL 64 0054 AFCRL 64 0179 AFCRL 64 0228
SHELL SEVELOPMENT CO HOUSTON TEX	AFCRL 64 0231		AFCRL 64 0306
SIENA U ITALY	AFOSR 64/1133	THOMPSON RAMO WOOLDRIDGE INC CANOCA PARK CALIF	AFOSR 64/0869 AFOSR 2866
SOUTHAMPTON U ENGLAND	ARL 64 0071	TOLEDO U OHIO	ARL 64 0081
SOUTHERN CALIFORNIA U LOS ANGELES CALIF	AFOSR 64/1137 AFCRL 64 0096 AFCRL 64 0168 AFCRL 64 0260 AFCRL 64 0388	TOR-MTO U ONTAPIO CAMADA	AFOSR 64/0722 AFOSR 64/0911 AFOSR 5441 AFOSR 64/0590
	AFOSR 64/0565	TRG INC EAST BOSTON MASS	AFCRL 64 0347
SOUTHWEST RESEARCH INST SAN ANTONIO TEX	AFOSR 64/0668	TRAINING CENTER FOR EXPERIMENTAL AFRODYNAMICS	AFCRL 64 0374
SPACE GENERAL CORP EL MONTE CALIF SPACE SCIENCES INC WALTHAM MASS	AFCRL 64 0164 AFOSR 64/0920	BRUSSELS BELGIUM	AFOSR 64/0981 AFOSR 64/0981
SPERRY RAND CORP REMINGTON RAND UNIVAC DIV PHILADELPHIA PA	AFCRL 63 0582	TUFTS U MEDFORD MASS	AFOSR 64/0939
SPERRY RAND CORP SPERRY GYROSCOPE CO GREAT NECK N Y	AFCRL 63 0933	UNIDAD DE INVESTIGACIONES CEREBRALES MEXICO CITY MEXICO	AFOSR 64/0735 AFOSR 64/0741
ST DARTHOLOMENS HOSPITAL LONDON ENGLAND	AFOSR 64/0951	UNITED AIRCRAFT CORP FAST HARTFORD CONN	AFOSR 64/0898
ST JOSEPH COLL WEST HARTFORD CONN	AFCRL 64 0362	UPPSALA U SWEDEN	AFOSR 64/0954
ST LOUIS U MO	AFCRL 64 0397		AFOSR 64/0988 AFOSR 64/1008
STANFORD RESEARCH INST MENLO PARK CALIF STANFORD U CALIF	AFCRL 64 0229 AFCRL 64 0230 AFCRL 64 0230 AFOSR 64/0695 AFOSR 64/0697 AFOSR 64/0727 AFOSR 64/0729 AFOSR 64/0790 AFOSR 64/0792 AFOSR 64/0793 AFOSR 64/0793 AFOSR 64/0843		AFOSR 64/1009 AFOSR 64/1011 AFOSR 64/1011 AFOSR 64/1011 AFOSR 64/1012 ARL 64 0078 ARL 64 0078 ARL 64 0096 ARL 64 0099 AFCRL 64 0394 AFCRL 64 0394 AFCRL 64 0394 AFCRL 64 0403 AFOSR 64/0657
	AFOSR 64/0888 AFOSR 64/0889	UTAH STATE U LOGAN	AFCRL 64 0325
	AFOSR 64/0890 AFOSR 64/0906 AFOSR 64/0907	UTATI U SALT LAKE CITY	AFCRL 62 0922
	AFOSR 64/0934 AFOSR 64/0947		AFCRL 64 0276
	AFOSR 64/1015 AFOSR 64/1016	VETERANS ADMINISTRATION HOSPITAL BOSTON MASS	AFOSR 64/1076
	AFOSR 64/1017 AFOSR 64/1034	VIRGINIA U CHARLOTTESVILLE	AFOSR 64/0567
	AFOSR 64/1035 AFOSR 64/1052	WALES U COLL ABERYSTWYTH	AFCRL 64 0368
	AFOSR 2232 AFOSR 5420 AFOSR 5443	WARNER AND SWASEY CO FLUSHING N Y WASHINGTON STATE U PULLMAN	AFOSR 64/0819
	AFOSR 64/0621 AFOSR 64/0622	WASHINGTON U SEATTLE	AFCRL 63 0509
	AFOSR 64/0623 AFOSR 64/0624	WASHINGTON U ST LOUIS MO	AFOSR 64/1020
	AFOSR 64/0625 AFOSR 64/0626		AFCRL 64 0405
	AFOSR 64/0627 AFOSR 64/0628	WAYNE STATE U DETROIT MICH	AFOSR 4908
	AFOSR 64/0630	WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL	AFOSR 64/0862 AFOSR 64/0863
SYLVANIA ELECTRIC PRODUCTS INC WALTHAM MASS	AFCRL 63 0508 AFCRL 64 0192 AFCRL 64 0280		AFOSR 64/0993 AFOSR 64/1063 AFCRL 64 0176 AFCRL 64 0183
SYRACUSE U N Y	AFOSR 64/0714 AFOSR 64/0715	WESTERN ONTARIO U LONDON CANADA	AFOSR 64/0807 AFOSR 4806
SYRACUSE U RESEARCH INST N Y	AFCRL 64 0073 AFCRL 64 0047	WESTERN RESERVE U CLEVELAND OHIO	AFOSRJ1538
SYSTEMS DEVELOPMENT CORP SANTA MONICA CALIF	AFCRL 64 0283	WESTINGHOUSE ELECTRIC CORP PITTSBURGH PA	AFCRL 64 0058 AFCRL 64 0307
	AFCRL 64 0375		AFCRL 64 0308
SYSTEMS RESEARCH LARS INC DAYTON OHIO	ARL 64 0089	WILLIAMSON DEVELOPMENT CO INC WEST CONCORD MASS	AFCRL 64 0412
TECHNICAL OPERATIONS INC BURLINGTON MASS	AFCRL 64 0092 AFCRL 64 0151	WISCONSIN U MADISON	AFOSR 64/0833 AFOSR 64/0835

AFOSR 64/0931 AFOSR 64/1090 ARL 64 0105 AFOSR 4546

ARL 64 0070 AFOSR 64/0650

VALE U NEW HAVEN CONN

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		SATES D R	BORAM R	CARAVALLANO R L AFCRL 63 0907
ADLER JE M	AFCRL 63 0903	BAULERIGHT C W	BORGATTA E F	CARLSSON A
ADLER S L	AFOSR 64/0649	BAZER J	AFOSR 64/0833 AFOSR 64/0835	AFOSR 64/0737 CARNEVALE E H
AGALIDES E	AFOSR 64/0025	SEADLE W E	BORTHER M H	CARPENTER 8 H
AGGARWAL J K	AF05R 64/0601	AFOSR 64/0621	BOSCH H E AFOSR 64/0785	CARRERAS M
	AFOSR 64/0603	SEAUSIEN D J	AFOSR 64/0786	AFOSR 64/1087
ALBE/FESSARD D	AFOSR 64/1005	BEBERNES J W AFOSR 64/0680	BOSTROM L AFOSR 64/0657	CASTELLI J P
ALBUM H H	ARL 64 0062	BECKEL C L AFOSR 64/1045	BOTTAL G	CASTLE J 6 JR AFCRL 64 0307
ALCOCK A J	AFOSR 64/0813	0000 R G	AFOSR 64/1060	CAVELLE R E
ALDER J E		SEEDE W M	BOULMARE D G AFOSR 64/0794	AFCRL 63 0933
	AFCRL 64 0229 AFCRL 64 0230	ARL 64 0069 BEGEMANN F	AFOSR 64/0795	CHAKRAVARTI I M
ALEXAMBER E	AFOSR 4490	DEHLE A	BRAUB R	CHAMBERS F AFCRL 64 0201
ALMEMNINGEN A	AFOSR 64/0686	MFCRL 64 0276	BRAUN W G	CHANG A AFOSR 64/1126
	AFOSR 64/0932	AFCRL 64 0275	ARL 64 0066	CHAPMAN C W
ALPERT D	AFOSR 64/0700	DELL J AFOSR 64/1041	BRAY K N C ARL 64 0071	CHAPPELL W R
ALTERMAN Z	AFCRL 64 0183	DELL J F AFOSR 64/1031	BREIT G AFOSR 64/0650	ARL 64 0085 CHARAP J M
AMAREL S	AFCRL 64 0066	BELL R Q	BRESSLER D W AFOSR 4810	AFOSR 64/0631 AFOSR 64/0798
AMBROSE C J	ARL 64 0090	AFOSR 64/0964	BRIER 6 W	CHAVEZ/IBARRA G
AMERT W S		BELZER J AFOSRJ1530	BRITTIN W E	CHER W K
	AFCRL 63 0062 AFCRL 64 0128	DEN-REUVEN A AFCRL 64 0176	BROADBENT H S	AFOSR 64/0704
AMUNDSEN K D	AFCRL 64 0204	BERCAW R W AFOSR 64/1020	AFOSR 64/0921 AFOSR 64/0922	CHENG S C
ANDERSEN C A	AFOSR 64/0748	BERGEN A R	MFOSR 64/0923	AFOSR 64/0955
AMDERSSON 1		BERKOVITS A	AFOSR 64/0924 AFOSR 64/0925	AFOSR 64/0956 CHERNOSKY E J
ANDERSSON S A	AFOSR 64/1000	AFOSR 64/0591 BERL S	BROOM T AFOSR 64/0761	CHILDS C B
ARBIO M A	AFOSR 64/1087	AFOSR 64/0955	BROWN A F AFOSR 64/0948	CHILTON F
ARRANTE J	AFOSR 64/0696	AFOSR 64/1136	BROWN D C	CHOWDARY Y R
	AFCRL 64 0036	BERNHARD C G AFOSR 64/0962	BROWN D F	AFOSR 64/1045
ASKRE J	AFCRL 64 0000	DERMSTEIN H	BROWN L S	CHUAN R L AFOSR 64/0565
ATARIS M	AFCRL 64 0205	BHIMANI B V	BROWNING K A	CHUR K W AFOSR 64/0650
ATLAS D	AFCRL 64 0180	SHOJWANI A	AFCRL 64 0100	CLAPP S S
AUVIL P R JR		BIOT M A	BRUNER E C JR	CLARK P 0
AUZIMS P	AFOSR 64/1017	BIRCHALL T	BUCK R F	CLARKE R W
	AFOSR 64/0745 AFOSR 64/0746	BIRCHEMALL C E	BUCKERS F	CLAUER A H
AVGER R A	AFOSR 64/1132	MFOSR 64/0758 MFOSR 64/0759	BULBRING E	CLEMENTS G F
AVROR #	AFOSR 66/1069	BISHOP R L	AFOSR 64/1071	AFOSR 64/0714
BABROV H J		01SMOP W AFOSR 64/1018	AFOSR 64/1072 AFOSR 64/1073	COBURN N AFOSR 64/0971
BAKER D J	AFOSR 64/0019	DITZER D	BULLIS R H AFOSR 64/0898	COMEN S G
SALIAN R	AFCRL 64 0325	BLACKBURN C P	BUREAU F J	COLE A E
BALKANSKI M	AFOSR 64/0794	AFCRL 64 0127	BURKE E A	COLE M
	AFOSR 64/0760	BLACKSTOCK D T	BURT D A	COLEMAN P D
BALLANTYNE J M	AFOSR 64/0908	BLATT J M	SURTON R W	AFOSR 64/0815 AFOSR 64/0816
BALTZ A	MFCRL 64 0042	AFOSR 64/0643 AFOSR 64/0644	AFOSR 64/0604 AFOSR 64/0875	COLGATE S A
BANKS E	AFCRL 64 8043	OLETZINGER P	BUSHAW D AFOSR 64/0717	COLLIN R E
	AFOSR 2160 AFOSR 64/0774	BLIEDEN H R	BUSLIK W S	AFCRL 64 0279
BARAD # L		BLIVEN C M	CAMILL P	COLLINS J M AFCRL 64 0174
	AFCRL 64 0156 AFCRL 64 0160	OLOCK 1 E	AFOSR 64/0820	COLLINS S A JR AFCRL 63 0933
BARDER R C	AFCRL 64 0163	OLOEMBERGEN N	CAIR W M	COMLY J 8
848800 w	AFOSR 64/1010	AFOSR 64/0606	ARL 64 0101	COMPAGN T P
BARSHAY S	AFCRL 64 0304	8L000 D	AFCRL 64 0192	COMLEY T D
	AFOSR 64/0076	SLOOM M H	CALI J P AFCRL 64 0016	COMOVER J K
BARTLEY W J	AFOSR 64/8924	BLOTEKJAER K	CALOGERO F AFOSR 64/0798	COMMAD G
BARTON J R	AFOSR 64/0668	AFOSR 64/0627 AFOSR 64/0697	CALVERT J G	CONTICELLI M
BARTORELLI C	AFOSR 64/1133	BODERHEIMER P H	CAMPBELL J	AFOSR 64/1061
BARZILAI S		BOHN E	CAMPBELL J B	COOK L F JR AFOSR 64/0635
BASTIANSEN O	AFCRL 64 0354	BOLGIANO L P JR	CAMDIA O	COOMEY J A
BASU S	AFOSR 64/0932	BOLOTIN V V	CANTOR A	COOPER B R
BATCHER K E	ARL 63 0240	AFOSR 64/1022	AFCRL 64 0200	COOPER H W
SHICKER K E	AFOSR 64/1131	BOND J W JR AFCRL 64 8044	CAPONE B R AFCRL 64 0049	AFCRL 64 0188

COMMUTEL J.D.		DULMAGF + L	FFSSARD &	G1=\$80#G =
(DWAR 1 D	AF(#1 69 0791	AFOSR 64/0471 AFOSR 64/0672	AFOS# \$4/1005	GLASER E M
	AF 0 58 64/0476	DUMM D A	AF058 64/0617	AF058 64/1078
CRAIG A	MOSR 04/07/9	AF 058 66/0626	FIRE T AFOSR 64/0619	GLASS AFOSR 500
CRAMDALL R S	405# 64/0152	DURNAM 5 (F185F8 W 5	GLASS J # AFOSE 64/0940
(MAWFORD) A	ARL 04 0089	AFOSR 64/0889	F15CHFR & G	GLIDDON J E (AFCRL 64 0075
(985C) # J		DUTSCH H U	FISHBURRE E S	GOERING H L
	ARL 64 0110	AFCRE 64 0101	ARL 64 0107 FJORTOFT	AFOSR 4546 AFOSR 64/0931
(#053 # A	AF058 64/0986	EASLEY J A JR	AFCRL 64 0334 FLASCHER 5 5	GOFFMAN W
CROSS J L	AFCR: 61 0922	AFOSR 64/0709	AFCEL 64 0188	GOLD L P
(#055 R		AF 0 SR 44/0841	AF(#L 64 0061	GOLDAN P D
CRU2 / 6 /8	AF(RL 64 0285	AFOSR 64/0934 FCEERT F & G	FLORIO J V AFCRL 64 0117	GOLDEN W M
	MOSB 64/0609	AFOSR 64/1023	FLUGGE/LOTE AFOSR 64/0727	GOLDFARE T D
DA 908 G	AFCEL 64 0278	AFOS# 64/0991	AFOSR 64/0729	AFOSE 66/0687
	MOSR 64/9901	EDEN R (AFOSR 64/0815	AFOSR 64/0676	ARL 64 0070
DARRELLA	AF05# 44/0451	EDER B J AFOSB 64/0658	FOLMAN H ARL 64 0071	GOLDSTFIN A A APOSR 64/0718
DASILVA F	AF05R 64/0768	AFOSR 64/1019 EDSE R	ARL 64 0074 FORSEN H E	GOLDSTEIN L
DAVIS P A	AFCR: 64 0185	ARL 64 0107	AFOSE 64/1127	AFCRL 64 0067
DAVIS A G		EDWARDS H D AFCRL 64 0187	AFOSR 64/1051	AF05# 64/1107
DE AM A P	AF(#L 0040	FDWARDS L (AFCRL 64 0116	FOR # AF(RL 64 0316	GOLDSTORE J
DEBAIR A	AFC#L 63 0921	EDWARNS S AFOSR 64/0788	FRAFOREL B 5 AFOSR 4690	GOLDWYN R M AFOSR 64/0689
	AFCRL 64 0009	FGFLAND A	FRANCISCO C C	GOLEMBESE! J
DEELEGE	AFCRL 64 0058	AF(RL 64 0245 AF(RL 64 0304	AFCR(63 0595 Francija f w	GOMIRATO G
OFIBOUTLEF L	AF (RL & 3 0888	EMRLICH G AF05# 64/0775	ARL 64 0082 FREEDMAN S J	GORSALVES R A
DELVES L M	AF05# 64/0641	AFOSR 64/0777	AFOSR 2078 AFOSR 2079	G000CH1LDS J D
	AF 058 64/0646	AFCRL 64 0192	AFOS# 64/0939	AFOSR 1981
DEMAINS P 4 0	AF058 64/1109	FL SEROUDI # Y AFOSR 64/0590	PREEMAN D (AFCRL 64 0136	GOODMAN A L AFOSR 64/0934
DER1504 D #	4F050 44/0004	FLESTROM L AFCRE 64 0174	FRIED H M AFOSR 64/0778	GORN 5 AFOSR 2595
DERHAM ()	AFCR: 67 0748	FLLIOTT # J	FRIEDMAN G AFCRL 60 0107	AFOSR 64/0943
DERRICE G H		AFCRL 64 0284 ELLIOTT W P	FRIEDMANN H	AFCRL 64 0428
DESER S	MOSR 64/0446	#FC#L 64 0163 ELSEY J	AFCRE 64 0176 FRISCH L EDITOR	GRAUFRT H AFOSR 64/0870
	MOSR 64/0794 MOSR 64/0795	AFOSR 64/0549	AFOSR 64/0760	GRAY B G AFCRL & 0228
	AFOSR 64/0866 AFOSR 64/0867	AFOSH 64/0481	AFOSR 64/0738	GREEN A AFCRL 64 0034
DESMEDT / E		AFOSR 64/0683	AFCRL 64 0187	GREEN A F S
DEVAUE OUL FURS	#058 64/0734 G	AFUS# 64/0877	FULTZ D AF(RL 64 0982	AFOSR 64/0823 GREEN J H
	AFCRL 64 0196	#FOS# 64/0722	FUTRELL / H ARL 64 0092	GREENSPAN H P
D€₩17 #	AFC#1 64 0276	AFOSR 64/0041	GARBIANI G	AFOSR 64/0713
	AFOS# 64/0877	EULER U 5 VOM AFOSR 64/1066	GAFFROM H	GREENSTEI -
0000 # 1 #	AFCB1 63 0903	AFOSR 64/1069 Evans R J	#FOSR 64/1084 GALF ((GRIFFY T A
30.44 # P JD	MCRL 63 0563	AFCRE 64 0176	AFOS# 64/0956 GALIL U	AFOSR 64/1741
DOSALDSON D D		AFCRE 64 DIAS	GALMARINO A R	SRIMES C C
DOMALDSON E E		AFOSR 64/0932	AFCEL 64 0012	AFOSR 64/0770
300AL0500 # J		FAML MAN A AF/358 64/1008	GARSCADDEN A	GROSHER O
	AF(#1 64 0180 AF(#1 64 0181	FAIRLIF D 8 AFOSR 64/0783	GARVIN P L AFOSR 2844	GROMBERG F T
5984L5504 W L	MOSR 64/0668	FAMREL OF T	GAUFR O H	GROMEVIST B 0
DOMAL 508 D 0	AFO5# 3116	FARRIN B M	AFOSB 64/0992	GROSCH C F
0000T # P		AFC 01 64 0270	AF (Rt 64 0167	AFOSR 64/0920
DORATO P	AFCEL 63 0918	AFC #1 64 0263	GEARE J F AFCRL 63 0948	68055 B A AFOSR 64/0895
DORR L 5	AF05@ 66/1119	AFCRL 64 0280 FARQUEL 0 7	GEBEL R H ARL 64 0065	GROSSMAN 7 ARL 64 no?2
001500 J	AFCEL 64 0291	AFCRL 64 0079	GELDER H M AFOSR 64/0709	GROTEN E
	AF058 64/0894	AF(RL 64 0070	GEORGE D B	GUGGFRINE I MER H
DOWELL F	4F058 5327	FENER E AFOSR 64/0749	AFCBL 64 0127 GEORGE M '>	GUIMM C M
DOMFLE A M	AFCRL 64 0134	FE A A ARL 44 DOB	AFOSR 3878 GERGEN J J	AFCRE 64 0195
00 VLF # D	AFCR1 64 0390	FELDMAN D W	AFOSR 64/0730 GEROSA G	GULLICESON W D
	AF(#L 64 0041	AFCRL 64 0307 AFCRL 64 0308	AFCEL 64 0354	AFCRL 64 0011
DRAME C J JR	AFCRL 63 0360	FELDMAN U ARL 64 0091	GMAUS! M 5 AF(RL 64 8288	GUPTA I M AFCRL 64 0197
DRESSEL F G	AF05R 44/0710	FELSEN L B	APCRL 64 6305	GUSTAFSSON G AFCRE 64 0245
		AFCEL 63 0564	AFCRL 64 0017	AFC#(64 0304
DUB015 J 1	AR(64 0081	AFCRL 60 0039 AFCRL 60 0173	6188085 J F AFOSR 64/0623	AFCRL 64 0174
-	ARL 64 0075	FERSTER P	GILARDINI I A	MAGSTROM 5 AF058 64/1008
DUCUING J	AF05# 64/1018	FERMENTAL D	GILLESPIE R J AFOSR \$4/0935	HATGH A L AFOSR 64/0965
	AF058 64/0692	FERRARO V C	AFOSR 64/8936	MALE J E AFOSR 64/0716
DUFORT E C	AFCR1 44 0388	AFCRE 64 0075	AF(RL 64 0073	AFOSR 64/0737
		AFOSR 64/0892 FERSHT/SCHER R	G1858URG & AFCRL 64 0283	AFOSR 64/0974
		AF05# 64/8591	AFCRL 64 0375	

Q

						KACZMARCZYK A			KOPAL Z		
HALL F F JR	AFCRL	64 0302		AFCRL	64 0270	RHCE-HHRCE/R A		64/0927		AFCRL	63 0949
HALL M A	AFCRL	64 0188	HUFFMAN R	AFCRL	64 0348			64/0929	KORMFELD P	AFCRL	64 0183
HAMMOND S B	AFCRL	64 0276	HUFFMAN R E	AFCRL	64 0162	KAFKA R W	AFOSR	64/0607	KRAEMER H C	AFOSR	64/1034
HAMMER K C		64/1002	HUNG J W	AFCEL	63 0502	KAHALAS S L	AFCRL	63 0944	KRAUSE E	ARL	64 0103
HARKS H H JR		64 0111	HUNT W W JR		64 0090	KAHAN A		63 0325	KREITZBERG C W		64 0026
HANNON T J B					64 0303	KAHN D			KRETSCHMER C B		
HARMON R C	AFCRL	63 0502	HUNTEN D M	AFCRL	63 0033	KAHNE S J		63 0066			64/0666
	AFCRL	64 0134 64 0390	HURD A E	AFOSR	3966	KALLMAN H	AFOSR	64/0600	KRIPKE B R	AFOSR	64/0968
HARR I SCHMACHER	E	64 0076	HYDEN H		64/1062	KAMAL A K	AFCRL	63 0432	KRISTIANSSON K	AFOSR	64/0640
HARRI I SCHMACHER	E		IAMMUZZI M				AFOSR	64/0809	KRMPOTIC F		64/0786
HARP B F		64 0270	IDDINGS C K		64/0013	KANE J	AFCRL	64 0036	KSTEMSKT A		
HARRIS G W		64 0040	IDZIK S A		64/0790	KANTOR A J	AFCRL	63 0936			64 0213
HARRIS J	AFOSR	64/0953	ILIFF R L	AFCRL	64 0321	KANTOR G	AFCRL	63 0929	KUHLTHAU A R	AFOSR	64/0567
HARRIS R T	AFCRL	63 0910	IMBUSCH G F	AFCRL	63 0900	KAPLAN C		64/0719	KUHNLE P F	AFCRL	64 0164
HARRISON M A	AFOSR	3141			64/0628	KAPLAN L J		64 0129	KULLER R G	ARL	64 0085
	AFOSR	64/0617			64/0907	KAPLAN N			KUM-MU CHEN		
HARVEY D I	AFCRL	64 0271	INGRI N	AFOSR	64/1049	KAPRIELIAN Z A		64/0755	KURTYAMA H		64 0356
HASINGER S	ARL	64 0075	ISHIMARU A	AFCRL	63 0509	KARCZEWSKI B	AFOSR	64/1137		AFOSR	64/1070
HAWES M		64 0077	ISLAM J N		64/0660	KARLSSON J E	AFOSR	64/0014			64/1072
HAYES W		64 0284	150 C		64/0876	KARP S N	AFOSR	64/1008	KURSUNOGLU B		64/1074
HAZLEHURST J			IZUMI Y				AFCRL	64 0426	EUSCH P	AFCRL	64 0277
HEATH G L		64/0595	JABBUR R J		64 0156	KASHYAP R L	AFOSR	64/0691		AFOSR	64/0021
HEDBERG K	ARL	64 0081	JACAVANCO D J	AFOSR	64/0793	KATCHALSKY A	AFOSR	64/0993	KUSENBERGER F R	AFOSR	64/0668
	AFOSR	64/0686			64 0018 64 0019	KATZ A	AFCRL	64 0304	KUTZELNIGG W	ARL	64 0099
HELFER H L		64/0594	JACKEROTT I M			KATZIN M		63 0862	LAFLAMME P M		64 0389
MELLIWELL J B			JACKSON L		64 0269	KAWANO T			LAGRORF A H		
HEMKE B L		64/0720	JACKSON L K		64/1051		AFCRL	64 0046 64 0296	LAGRONE A R		64 0054
		64/0593	JACOBS K G	AFOSR	64/0675	KAY A F	AFCRL	64 0347	LAI D C	AFCRL	63 0921
HERING W 5	AFCEL	64 0030	JAFFE J H	AFCRL	64 0247	KAYLOR R	AFCRL	64 0374	LAING M	AFCRL	64 0012
HERMANDEZ/PEON		64/0735	JANAK J F	AFCRL	64 0176	KELLEY J G	AFCRL	64 0302	LAING M B	AFOSR	64/1107
WE		64/0741		AFOSR	64/0905		AFCRL	64 0412	LAKIN L R	AFOSR	64/1107
HERRMANN G	AFOSR	64/1027	JAMECKE J	AFOSR	64/0637	KELLY J J	AFCRL	64 0288		AFCRL	64 0020
HERZOG A	AFOSR	64/1065	JAMES G S	AFOSR	64/0096	KELSON I	AFOSR	64/0863	LAM S H	AFOSR	64/0353
HERZOG G	AFCRL	63 0567	JAMSEN C	AFCRL	64 0423	KENDALL P C	AFCRL.	44 0075	LAMBERT K G	AFCRL	64 0204
HESSELBERTH C	A	64/0608	JARRETT A H		64 0370	KENNEDY J K		64 0314	LAMBERT R H	W C01	64 0325
HICKS B L		64/0601	JASINS A C			KENNEDY M J			LANDAHL H D		64/0959
	AFOSR	64/0602	JAWORSKI A		64 0166	KESSEY K O			LANDAHL M T		
HILLENDAML D R		64/0603	JEFFREY R C	AFOSR		KHURI N N			LANDSHOFF P V	AFOSR	
HINDE R A	AFCRL	64 0204	JEHN K H	AFOSR	64/0947	K100LE T W 8	AFOSR	64/0799	LANG S M	AFOSR	64/0783
		64/0736		AFCRL	64 0306	K100 C	AFOSR	64/0865			64 0063
HIRSCHFELDER J	AFOSR	64/0964		AFOSR	64/0694	KIEFER J	AFOSR	64/1083	LARRASEE J C		64 0162
HIRSH E	ARL	64 0105			64/0839		AFOSR	64/1104	LARSON S S		
	AFCRL	64 0143	JESSEY # E		64/0840	KILMER W L	AFCRL	64 0007	LARSSON B		64 0154
HIRSHFELD M A	AFCRL	64 0176	JHA S	ARL	44 0069	KING R B JR	AFCRL	64 0131	LARUSSA F J		64/0954
HJORTH S	AFOSR	64/0639	JIMENEZ C	AFOSR	64/0796	KING R W P	AFOSR	64/0702	LAVIN P M		64 0192
HOCH G		64/0739		AFCRL	64 0312	KINGERY W D			LAW A G	AFCRL	64 0211
HOEY M J	AFOSR	64/0740	JOHNSON G E	AFOSR	64/0639	KINGSLAND D			LAUSON M O	AFOSR	64/0979
HOFF M J	AFCRL	64 0370			64/1067	KIP A F					64 0074
	AFOSR	64/0888	JOHNSON J H		64/1068			64/0769 64/0770	LAYER H	ARL	64 0076
HOGLUND 6	AFOSR	64/0962		AFOSR AFOSR	64/0922	KISSLINGER C	AFCRL	64 0397	LAZARUS D.	AFOSR	
HOLMES L B	AFOSR	64/1021	JOHNSON N	AFOSR	64/0620	KITCHIN A H	AFOSR	64/0965	LEE 8 W	AFOSR	64/0750
HOLWAY O III		64 0131	JONES D S		63 0369	KIVIOJA L A		64 0130		AFOSR AFOSR	64/0634
HOOVER W		64 0195	JONES F S		64 0093	KLAPPER J		64 0305		AFOSR	64/0780
-					64 0119	KLEIN M J			LEES L		
HORTON W H		64 0020		AFCRL	64 0284	KOCH C C	ARL		LEIGHTON R B		64/0093
12.121.		64/0 899		AFOSR	3227	KOCH J F			LENHARD R W JR		64 0396
HOSHIZAKI T		64/1002	JONES R V	AFCRL		KOCHEN M	AFOSR	64/0769	LEONDES C T	AFCRL	63 0930
HOSHOVSKY A G		64 0008	JOHKER F			KOHLER R J	AFCRL	64 0087		AFOSR	9116 64/0972
HOWARD L N		64/0728			64/0944	KOK B	AFCRL	64 0271	LEVINSON C A		
HOWELL B F JR				AFOSR	64/1050	-VA 8			LEVY A		64/0862
		63 0734 64 0211	JUHASZ S	AFOSR	64/1033	KOLMAN B			LEVY S		64 0090
HOWES B S	AFCRL	64 0170	JUSTUS C G	AFCRL	64 0187	KONIG H L	AFCRL	63 0502	LEWIS F H JR	AFCRL	64 0066
							AFCRL	64 0081		AFOSR	64/1052

					AFCRL 64 0093	MURTAZA G	
LEWIS R M	AFCRL 64 0307	MADOOX H 5	MOSR 64/0074		AFCRL 64 0119		AFOSR 64/1006
L1007 P A	AFOSR 64/0966	MAGLEDY E B	AFOSR 64/1107	Lautinesia wa	AFCRL 64 0275 AFCRL 64 0396		ARL 64 0083
L100Y W F	MOSR 64/0651	MAILLOUR # J	AFOSR 64/0903	MERRYMAN E L	ARL 64 0090		AFOSR 64/0750
L1001221 J	ARL 64 0110	WA 904 AW	AFOSR 64/0614	MESCHLER P A	AFOSR 64/0976		AFCRL 63 0501
LICHTERBERG A .	J		AFCRL 64 0186	METSGER R	AFCRL 64 0186	MAKAMURA Y	AFCRL 64 0060
LIDE D R	AFOSR 64/1125	MALLORY D J	AFOSR 64/0670	MICHAELS S B		MAKHLEH J	AFOSR 64/1045
LIEBERMAN P	MF05R 64/0020	MANCUSO R L	MCRL 64 0385	MICHIE R "	AFCRL 63 0397	MAMIOKA T	
LIEPA V V	AFCRL 63 0397	MARREN M L	AFCRL 64 0040		AFOSR 64/1042 AFOSR 64/1043	MAPOLITANO L G	AFCRL 64 0048
	AFCRL 64 0356	444500 M		MIESCHER E	AFOSR 64/1044	NARDONE L J	AFOSR 64/0885
LIEPINS A A	AFOSR 64/0918	MARATHAY A S	AFOSR 64/0094		AFCRL 64 0391	MARENDRA K S	AFCRL 64 0050
FIH-TAN REME	AFCRL 64 0012	MARCUS M	AFOSR 64/1013	MINELICH J L	ARL 64 0101	MARCHURA K 3	AFOSR 64/0689
LILLEY A E	AFCRL 64 0141	MARCUVITZ M	AFOSR 64/0969	MILLARD M	AFOSR 64/0927	NATH P	AFOSR 64/0690
LIMBER K J			AFCRL 64 0039	MILLER H J	AFCRL 63 0905	MAZAREWICZ W	AFOSR 64/0790
LIMBERMEYER C		MARGGRAF W A	AFCRL 64 0062	MILLER H E		NEFF H P	AFOSR 64/0768
LINDGREN E	AFOSR 64/0023	MARGOLISS D	AFCRL 64 0205	MINC H	AFCRL 64 0336		AFCRL 64 0005
LINDGREN E R	AFCRE 64 0394	MARILL T	AFCRL 63 0792		AFOSR 64/0711 AFOSR 64/0712	HEFF W D	AFOSR 64/0966
	AFOSR 64/0059	-	AFCRL 64 0362		AFOSR 64/0724 AFOSR 64/0969	MERCOMB & A	AFOSR 64/0625
LIMOOVIST T	MF05R 64/0657	MARKS P A		MINER R J		MICHOLLS R W	AFOSR 4806
LIMOSKOG J	AFOSR 64/1010	MARR G V	AFOSR 2079	MINKONACS M 7	AFCRL 64 0024	NICHOLS I A	
	AFOSR 64/1011 AFOSR 64/1012		AFOSR 64/0806 AFOSR 64/0807	#1#08E K	AFOSR 64/1023	NICHOLSON J R	AFCRL 64 0412
LIMOSTROM J O		MARSEL C J	AFCRL 63 0937	MINTZER D	AFOSR 64/0952	MILL K W	ARL 64 0107
	AFOSR 64/1009 AFOSR 64/1010	MARSH D P			AFCRL 63 0866	MISHIYAMA T	AFOSR 64/0629
	AFOSR 64/1011 AFOSR 64/1012	MARTIN A D	AFOSR 64/0653	MISENICZ L M	AFCRL 64 0321		AFOSR 3489
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	ARL 64 0069	MAYEDA W	AFOSR 64/0907	MOORE D W	AFOSR 64/0685	NUTTALL J	AFOSR 64/0783
LIVE A H	MFOSR 64/0950	HAVEDA &	AFOSR 64/1116	MOOS H W	AFOSR 64/0805	OAKES R J	AFOSR 64/1016
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LOHR R F JR	AFOSR 64/1120	MAYERS J	MF05R 2160	MORGAN M G	AFOSR 64/0907		AFOSR 1206 AFOSR 64/0830
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